Surface Water Quality Monitoring Locations – Deer Creek

Surface water samples are collected from the following locations in Deer Creek:

Deer Creek at Road 248

Located approximately 2.5 miles northeast of Terra Bella in the foothills of the Sierra Nevada Mountains.

Deer Creek at Road 176

Located at Trenton Weir.

Deer Creek at Road 120

Located approximately six miles southeast of Pixley, California at the Road 120 bridge.

Surface Water Quality Monitoring Locations – White River

Surface water quality samples are collected from the White River at Road 208 when flow occurs.

2.6.2.3 Surface Water Quality Constituents

Each surface water quality sample is analyzed by a State certified analytical laboratory for the constituents listed in Table A1-5. In general, these constituents include electrical conductivity (EC), pH, dissolved oxygen (DO), E. Coli bacteria, total organic carbon (TOC), total suspended solids (TSS), total dissolved solids (TDS), turbidity, selected metals, hardness, ammonia, nitrate as N, orthophosphate, and phosphorus.

2.6.3 Frequency of Measurement

2.6.3.1 Stream Flow

Stream flows at gaged stations and diversion points are measured on a continuous basis and electronically transmitted to the TRA/LTRID.

For stream flows at locations with no established gage (e.g. Turnbull Weir and Porter Slough at 192), a current meter measurement is made at least once every two weeks when flows occur. An initial current meter measurement is made as soon as flow is detected and a final current meter measurement is made just prior to discontinuance of flow. Current meter measurements are made when a major change in the stage of flow occurs whether the flow is an increase or a decrease.

2.6.3.2 Surface Water Quality

Surface water quality samples are collected from all of the surface water quality monitoring locations shown on Figure A1-8 on a monthly basis when flow occurs.

2.6.4 Stream Gage Calibration and Maintenance

Manual readings are conducted at each active gaging station at least once per month in order to assess the accuracy of the gage reading to the rating curve. Adjustments are made as necessary.

All gaging stations undergo maintenance at least once per year to clean and backwash inlet pipes, clean and adjust recorder and appurtenances, check and repair time clocks, and repaint the station enclosures, as needed. If the time is off more than one-half hour, or the pen is off more than 0.05 feet, the recorder is reset to correct readings, the pen shall conform to the tape, and the drum shall be rolled for restarting the operation on a new coordinate with revised gage heights denoted.

Gage sheets are reduced as readily as possible after removal from the recorder withadditional notations made for assistance in subsequent reviews. Such notations includeestimated flows should the recorder provide an incomplete recording due to fouling, clock malfunction or if growth is observed in the channel.

3.0 Representative Monitoring §354.36

3.1.1 Groundwater Levels

A subset of groundwater level monitoring features in the monitoring plan have been identified as representative monitoring sites to be relied on for the purpose of assessing progress with respect to groundwater level sustainability in the subbasin. The representative groundwater level monitoring sites are shown on Figure A1-2. At least one representative groundwater level monitoring site has been identified within each management area. Where possible based on available wells, representative monitoring sites have been chosen with perforations exclusively in either the Upper or Lower Aquifer. To provide adequate spatial coverage of the subbasin, some representative monitoring sites include perforations across multiple aquifers until new monitoring features can be constructed. Representative groundwater level monitoring wells will be equipped with pressure transducers to measure groundwater levels on a daily basis.

3.1.2 Reduction of Groundwater Storage

Changes in groundwater storage within the Tule Subbasin will be estimated using either of the methods identified in Section 3.6 of the Tule Subbasin Coordination Agreement. Groundwater level data to be relied on for the change in groundwater storage estimates will be collected as described in Section 2.1 of this TSMP from the monitoring network shown on Figures A1-2 and A1-5. As such, there are no single representative monitoring sites for evaluating progress with respect to groundwater sustainability as it relates to changes in groundwater storage in the subbasin.

3.1.3 Seawater Intrusion

Seawater intrusion cannot occur in the Tule Subbasin due to its location with respect to the Pacific Ocean (see Section 2.3 herein). As such, representative monitoring sites for evaluating progress with respect to groundwater sustainability as it relates to seawater intrusion are not needed.

3.1.4 Degraded Groundwater Quality

Groundwater quality degradation in the Tule Subbasin is being monitored and regulated under the Irrigated Lands Regulatory Program (ILRP) and CV Salts. Monitoring of groundwater quality as it relates to the sustainability of the Tule Subbasin is focused on potential changes in the direction and/or flow rate of existing point-source groundwater contaminant plumes. These plumes have been identified and described in Section 2.2.4 of the Tule Subbasin Setting (Attachment 2 of the Tule Subbasin Coordination Agreement). As changes in the movement of contaminant plumes occurs as a result of changes in groundwater levels, the representative monitoring sites identified

for groundwater levels (Section 3.1.1 herein) serve as proxy representative monitoring sites for the potential movement of existing groundwater contaminant plumes.

3.1.5 Land Subsidence

Representative monitoring sites for land subsidence within the Tule Subbasin consist of the network of GPS benchmark stations shown on Figure A1-7. Land subsidence has been measured along the canal in the past and further land subsidence is considered an undesirable result as it restricts the ability to deliver water downstream of the area of subsidence. Measured subsidence at these GPS stations will inform progress as it relates to arresting future land subsidence along the canal.

3.1.6 Interconnected Surface Water

As described in Section 2.2.7 of the Tule Subbasin Setting (Tule Subbasin Coordination Agreement Attachment 2), there are no interconnected surface water systems within the Tule Subbasin. As such, representative monitoring sites for evaluating progress with respect to groundwater sustainability as it relates to interconnected surface water are not needed.

4.0 Assessment and Improvement of Monitoring Network §354.38

The TSMP is both flexible and iterative, allowing for the addition or subtraction of monitoring features, as necessary, and to accommodate changes in monitoring frequency and alternative methodologies, as appropriate.

4.1 Data Gaps §354.38 (b)

4.1.1 Groundwater Monitoring Data Gaps

Despite the number of existing monitoring wells that have been identified within the Tule Subbasin, there remain data gaps that, if addressed, would improve the ability to monitor groundwater level changes and flow patterns specific to the Upper and Lower aquifers. The current data gaps relate primarily to spatial coverage of monitoring features necessary to prepare complete groundwater level contour maps specific to the Upper and Lower aquifers in the subbasin.

In addition to groundwater level data gaps, there is a lack of aquifer parameter data, as obtained from controlled pumping tests of wells. The groundwater flow model has been developed based predominantly on short-term pumping tests, which enable the development of estimates of aquifer transmissivity. However, these tests are not as representative as long-term pumping tests (24-hr tests or longer). Further, pumping tests where groundwater level interference is measured in nearby monitoring wells have not been conducted. These tests enable the estimation of aquifer storage properties. During the construction of new monitoring features, it is anticipated that long-term pumping tests will be conducted to obtain aquifer parameter data specific to both the Upper and Lower aquifers. Further, pumping tests will be planned, where feasible, on existing high-capacity groundwater production wells.

Recommended Monitoring Features and Testing to Address Data Gaps §354.38 (d)

Identification of new monitoring well locations is an ongoing effort in the Tule Subbasin. Potential areas for new wells to address groundwater level data gaps are shown on Figure A1-2 and described in Sections 2.1.1.1 and 2.1.1.2 herein. The new monitoring wells, combined with existing monitoring wells, will improve the Tule Subbasin TAC's ability to develop detailed and representative groundwater contour maps and provide a better network of calibration targets for the subbasin-wide groundwater model. It is further anticipated that many of the new monitoring wells will eventually replace currently assigned representative monitoring sites.

As described in Section 2.1.1.1 herein, some of the new monitoring wells will be constructed as nested wells with two casing installed in the same borehole, each perforated in a distinct aquifer and isolated with a seal to ensure measurement of data unique to either the Upper or Lower aquifer.

In order to address the aquifer parameter data gaps, it is recommended to conduct controlled, long-term pumping tests in selected wells within the subbasin. Tests should be conducted in wells perforated exclusively in the Upper Aquifer and exclusively in the Lower Aquifer. Pumping wells will be selected near proposed monitoring wells in order to enable pumping interference measurements during the test. Each test will consist of a 24-hr constant rate pumping test.

4.1.2 Land Surface Monitoring Data Gaps

InSAR data that cover the entire Tule Subbasin have been historically available and indicate areas where land subsidence has been occurring. Confirmation of these data with more conventional land based survey methods such as GPS is ongoing. The USGS has refurbished one extensometer, which is located approximately one mile north of Deer Creek along the Friant-Kern Canal and is included in this plan. However, characteristics of aquifer system compaction in the northwestern portion of the subbasin, which is hydrogeologically different than the area where the existing extensometer is located, is unknown and represents a data gap.

Recommended Monitoring Features to Address Land Surface Monitoring Data Gaps §354.38 (d)

At least one new extensometer is recommended for the vicinity of the Homeland Canal at Highway 43 in the northwest portion of the subbasin. This instrument will provide the most accurate assessment of aquifer system compaction in the area of greatest subsidence in the subbasin.

4.1.3 Surface Water Monitoring Data Gaps

The following surface water monitoring data gaps have been identified for the Tule Subbasin:

- Tule River near Porterville - Channel infiltration losses in the upper portion of the Tule River are currently calculated between the gage below Success Dam and the gage at the Rockford Station, which is a 10-mile stretch of the river. It appears that more of the infiltration losses occur in the upper portion of the channel reach than in the lower. An intermediate gage between the Poplar diversion and Woods Central would be beneficial to understand the volume of infiltration losses above and below this point.

- Tule River at McCarthy Check - Channel infiltration losses between the Rockford Station and the Turnbull Weir are not well documented. An additional gage at the McCarthy Check at Road 96 (see Figure A1-8) would provide additional information on the channel losses upstream of this point and between McCarthy Check and Turnbull Weir.

- Deer Creek at Friant-Kern Canal – While the releases of imported water from the Friant-Kern Canal to the Deer Creek channel are well documented, the channel infiltration losses

between the Friant-Kern Canal and the Trenton Weir are not. An additional gage immediately upstream of the Friant-Kern Canal would enable the measurement of flows attributed to both imported water and natural stream flow as well as a better estimate of channel losses between these two points.

- Deer Creek at Homeland Canal – Stream flows at the downstream end of Deer Creek periodically reaches, and are discharged to, the Homeland Canal (see Figure A1-8). The nature and historical records of this discharge are not available and present a data gap for the surface water budget of the subbasin. Further, a gage record at this location would provide information on streambed infiltration during periods of time when surface water in Deer Creek reaches Homeland Canal.

- White River – Historical stream flow in the White River has been measured by the USGS at the gage near Ducor (see Figure A1-8). However, this gage is no longer active leaving a data gap for the volume of surface water entering the subbasin from this river (current estimates of flow into the subbasin are based on correlations with flows of Deer Creek). Further, there are no established gages downstream of this point.

Recommended Surface Water Monitoring Features to Fill the Data Gaps §354.38 (d)

The following surface water monitoring features are recommended to address the surface water data gaps:

- Tule River – Establish a rated section of channel, concrete weir structure and water stage recorder at an appropriate location between the Poplar diversion and the Rockford Station gage; and establish a rated section of channel, concrete weir structure and water stage recorder at the McCarthy Check.

- Deer Creek – Establish a stream gage immediately upstream of the Friant-Kern Canal to enable the portion of flow in the channel attributed to native stream flow and the portion attributed to imported Central Valley Project releases. Investigate the discharge structure at the Deer Creek inlet to Homeland Canal and develop a gaging station.

- White River – Refurbish and reinstate the USGS gage immediately east of the Tule Subbasin boundary near Ducor. Establish a rated section of channel, concrete weir structure and water stage recorder at Road 208 (if this has not already occurred).

5.0 Tule Subbasin Data Management System

Efficient data management will be a critical aspect of the Coordination Agreement in order to ensure that each GSA can access the data needed to prepare their respective annual reports in a timely manner and to ensure that the Tule Subbasin TAC can meet deadlines for submittal of the coordinated reports. Data to be managed will include:

A. Historical data used as a basis for the Water Budget of the Tule Subbasin.
B. Data to be collected in accordance with the Tule Subbasin Monitoring Plan.

Both historical and future data collected as part of this TSMP will be stored in a single comprehensive electronic database. This section satisfies § 352.6 of SGMA Regulations, which requires each agency to develop and maintain a data management system (DMS) that is capable of storing and reporting information relevant to the development and implementation of the plan and monitoring of the basin. The following table outlines the sections of the Tule Subbasin DMS as they relate to the various components of the SGMA Regulations.

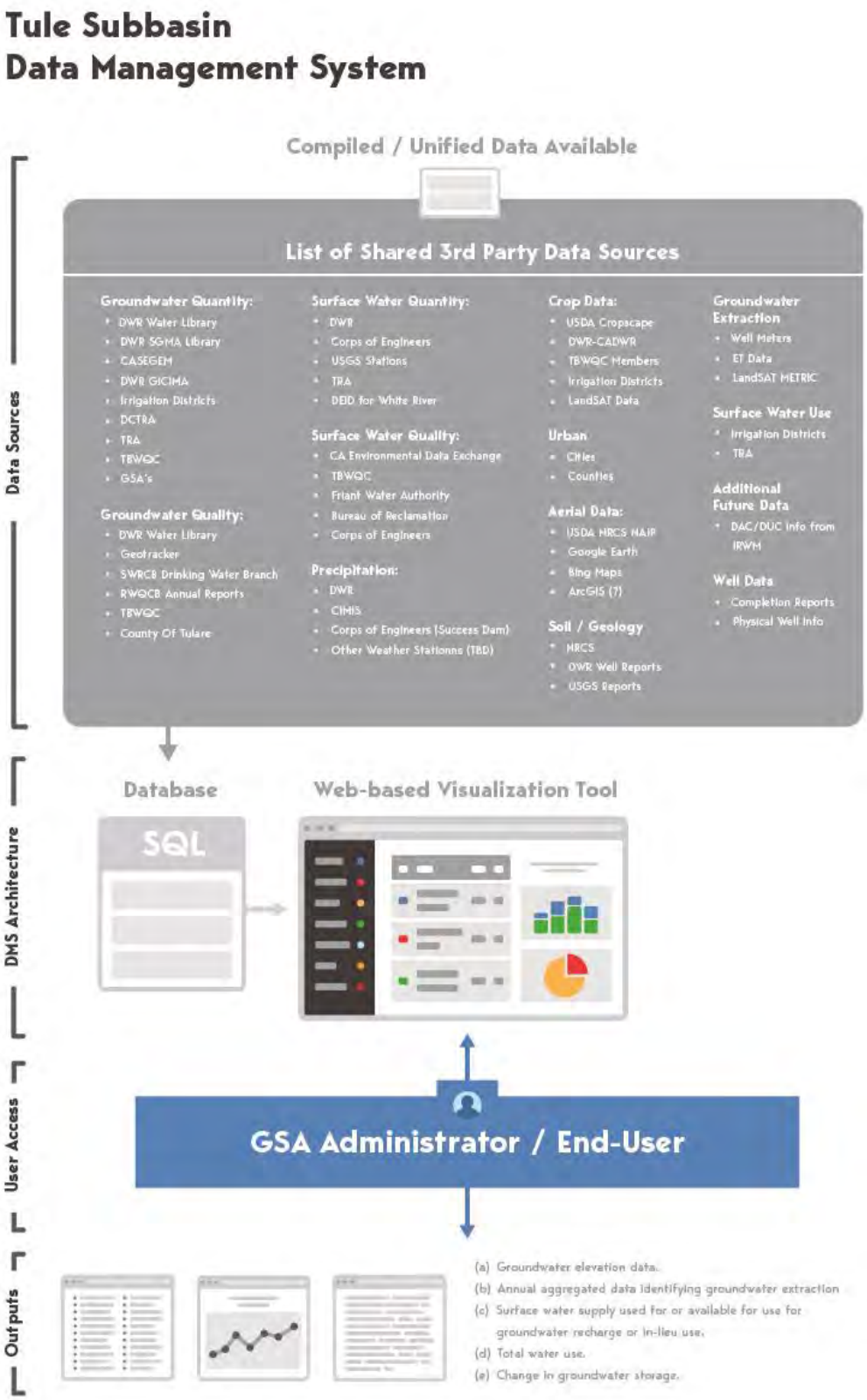
Table A1-6 – Tule Subbasin DMS SGMA Requirements

Tule Subbasin DMS SGMA Requirements		
SGMA Regulation Section No.	Coordination Agreement Corresponding Section	Description
§ 352.4	Section 5.2	Data and Reporting Standards
§ 352.6	Section 5	Data Management System
§ 353.4	Section 5.2.4.2	Reporting Provisions
§ 354.4	Section 5.2.4.2	Reporting Monitoring Data to the Department
§ 356.2	Section 5.2.4.2	Annual Reports

5.1 Overview of Tule Subbasin Data Management System

The Data Management System will allow users to view program data in comparison with all publicly available data from federal, state, and local jurisdictions to make the most informed decisions. Users will be able to submit, query, view, and analyze data as needed. The Tule Subbasin Data Management System (DMS) is comprised of two separate coordinated systems that include a SQL server and a web-based visualization platform. SQL will function as the storage and retrieval system to display the data in the web-based visualization platform. Users will have access to data sets through the web-based platform, to export data, import data, and view data in a dashboard format.

Figure A1-9 Data Management System Overview



5.2 Functionality of the Data Management System

The DMS will be comprised of various tools designed to assist GSAs in the development and implementation of their groundwater sustainability plans. At its Core, the DMS is a data storage system which grants users access to interact and upload data required to comply with SGMA regulations. Guiding the implementation of the DMS are the rules laid out in the following sections.

5.2.1 User and Data Access Permissions

User data access and permissions will be based on the predetermined user type and data source by the system administrator. User types include:

- System Admin - Users with this permission can perform all administrative functions.
- SGMA End-User - Users with this permission can perform all APN / Parcel Level functions and have access to Basin Level and GSA Level Public Data.
- End User Delegate - Users with this permission can perform all APN / Parcel Level functions and have access to Basin Level and GSA Level Public Data.
- GSA Staff - Users with this permission can perform all Farm Level and GSA Level functions and have access to Basin Level Public Data.
- GSA Manager - Users with this permission can perform all APN / Parcel Level and GSA Level functions and have access to Basin Level Public Data.
- Public User - Users may view published data but cannot import or edit information

Data viewing and access will be limited on geographic extent based on the user, such as a landowner will only be able to view data for land he/she owns or an administrator of the GSA can view data for the GSA he/she represents. Data from private or user sources will be protected in the system while publicly available data will be available basin wide. Data Source types include:

- Public - Federal, State, or local published data
- Private - District or agency specific data
- Shared - SGMA data available for all users of DMS excluding public users
- User - user specific data
- DMS - Data available from other programs (IRLP)
- Published - Data from SGMA/GSA sources available for public consumption

5.2.2 Data Entry and Validation

To encourage agency and user participation in the DMS, data entry and import tools are easy-to-use, accessible via web-based interface, and help maintain data consistency and standardization.

The DMS allows GSA Administrators and Users to enter data either manually via easy-to-use interfaces, or through an import tool utilizing standardized Microsoft Excel templates, ensuring data may be entered into the DMS consistently. The data imported will require validation by the managing GSAs Administrators or Users using a number of quality control checks prior to final import into the DMS. All data included in the system will comply with data standards laid out in § 352.4 of the SGMA Act.

5.2.2.1 Data Collection

The Tule Subbasin DMS is populated with data from various sources including public, private, contributing DMSs, and user data. Data collected in accordance with the Tule Subbasin Monitoring Plan as well as data regarding key water management areas, include:

- Precipitation
- Evapotranspiration
- Surface water flow
- Groundwater levels
- Groundwater quality
- Groundwater extraction
- Imported water deliveries
- Managed recharge
- Land surface elevation
- Land Subsidence measurements

5.2.2.2 Monitoring Data Entry (QA / QC)

For purposes of this plan, quality assurance (QA) is defined as the integrated program designed to assure reliability of monitoring and measurement data. Quality control (QC) is defined as the routine application of specified procedures to obtain prescribed standards of performance in the monitoring and measurement process.

Different monitoring protocols exist for the various data types stored in the DMS. Public sources included in the DMS as published from the source and referenced as such. User entry and private sourced data will be closely monitored for formatting and accuracy, in addition requiring chain of custody and acknowledgement of following protocols defined in the Monitoring Plan. These sources will be required to submit through pre-established forms to maintain the validity of the DMS.

5.2.2.3 Data Validation

Data Validation is required for non-public sources and will be performed in the following ways:

- **Standardized Form Input:** meant to comply with what is required by law

- **Using known possible values for a dataset:** This would represent a baseline range of what can be typed into an input. Ex: Parcels Assessed Acreage vs Irrigated Acreage
- **Data/Field Normalization:** Establishing unit consistency between datasets. The DMS will keep a normalized value behind the scenes for each variation of a reported unit. Regular Expressions on inputs to control the type/format of information being submitted to the DMS.
- **Outlier filtering:** Outlier filtering when interacting with publicly available data or data that has been mass imported. Using Statistical Analysis methods, any statistical outliers will be filtered out of reports unless the end user opts to have them included.

5.2.3 Visualizations and Analysis

The DMS will host a robust visualization and analysis component to allow end users the ability to view and provide context to the data. This can be performed in Map and Tabular views, as shown in Figure A1-10.

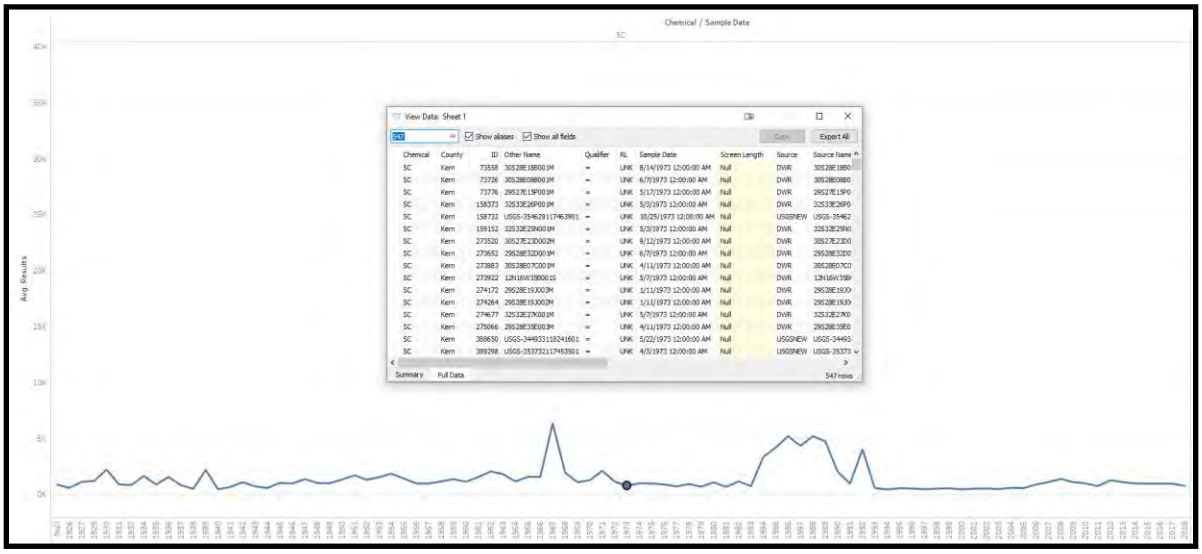


Figure A1-10: DMS Data Visualization Example - Average Specific Conductivity by Year within the Tule Sub Basin.

5.2.3.1 Map View

Map view in the DMS will allow users to visualize data that has spatial characteristics (wells, stream gages, precipitation stations, etc). **Figure A1-11** is an example of well data in the DMS. In map view users can scroll around the selected source data and click on the sites to bring up site specific information.

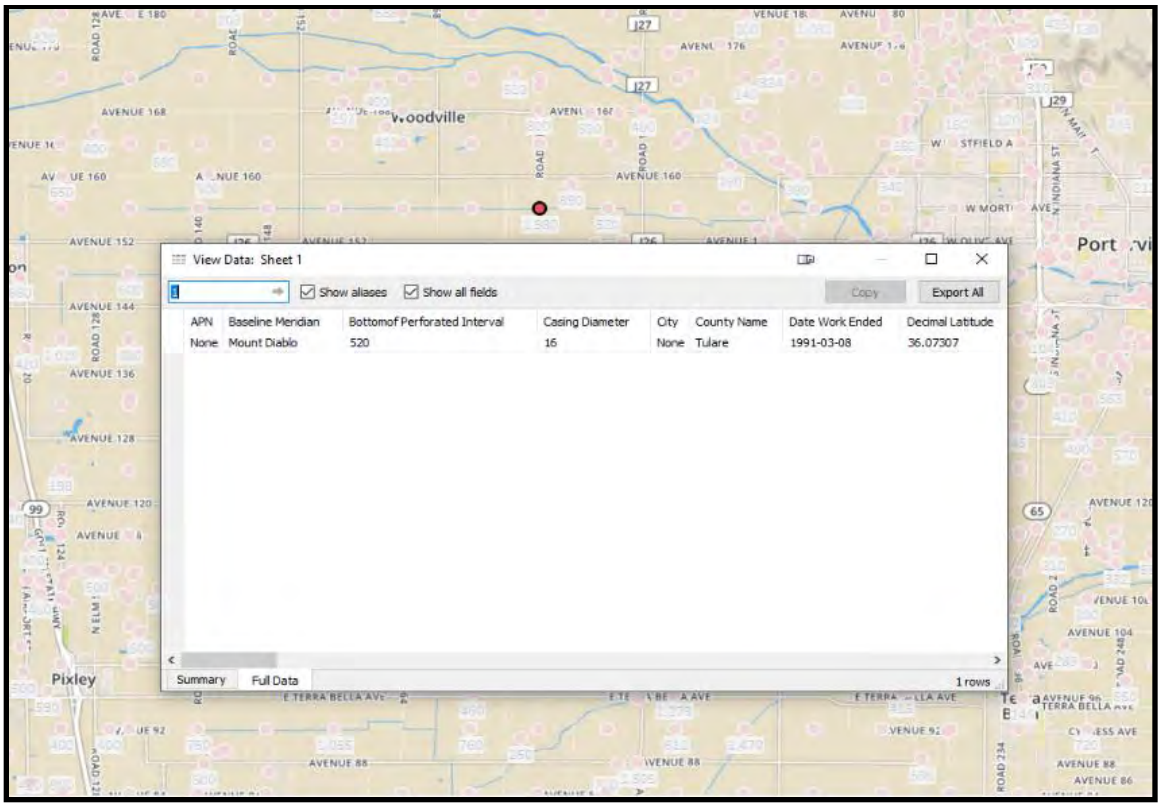


Figure A1-11: DMS Map View Example - Total Completed Well Depth Map

5.2.3.2 List View

List view presents all the data of a given dataset in tabular form. It will allow users to see all the data in the chosen data set and their attributes. Data is able to be filtered for specific attributes, geographic extent, and various other criteria.

5.2.4 Query and Reporting

Data in the DMS can be queried and reporting using various filtering and querying tools. The options are dependant on the source of the data. Reports can be prepared from the queried DMS for various formats based on the submitting agency.

5.2.4.1 Ad-hoc Query

As a relational database the DMS will have the ability to be queried by users with designed limitations for various end users (see section 5.2.1). Putting these limitations aside, any data included in the DMS can be queried based on the attributes which adhere to the data source (i.e data type, data source, parameters, geographic location, etc.). See **Figures A1-12 and A1-13** for querying examples.

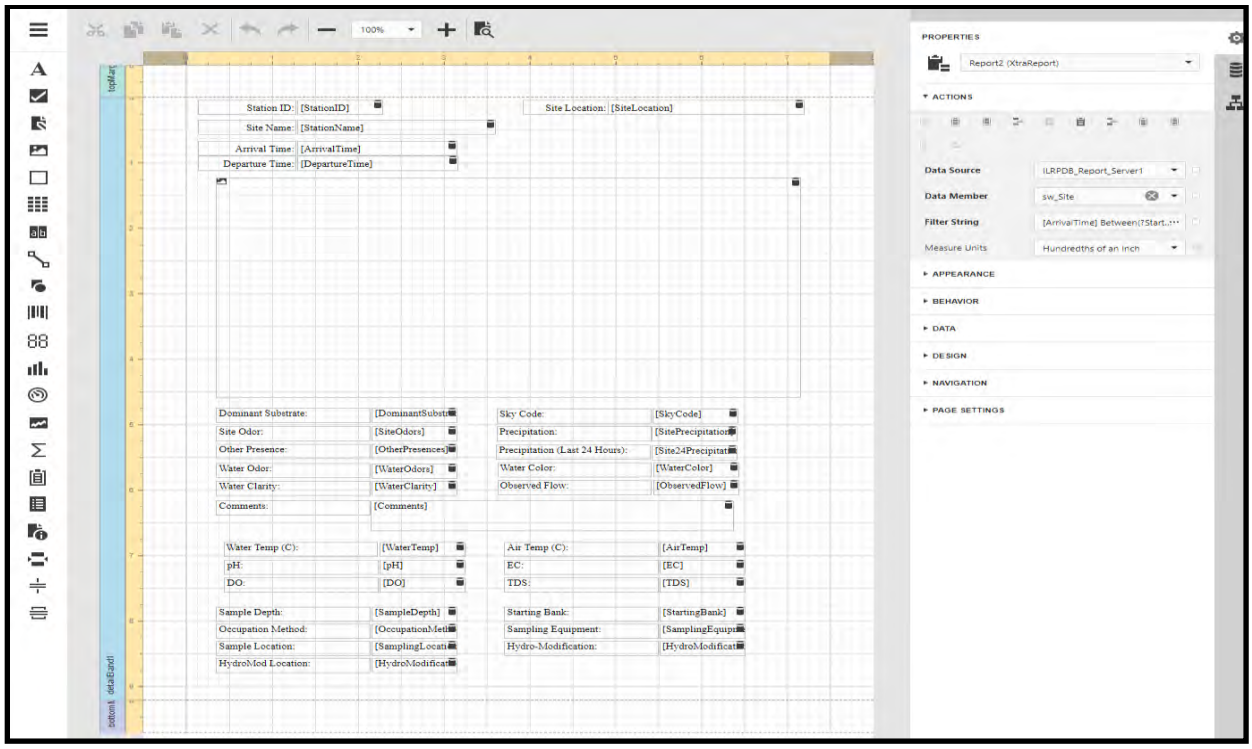


Figure A1-12: Ad Hoc Report Builder Designer View

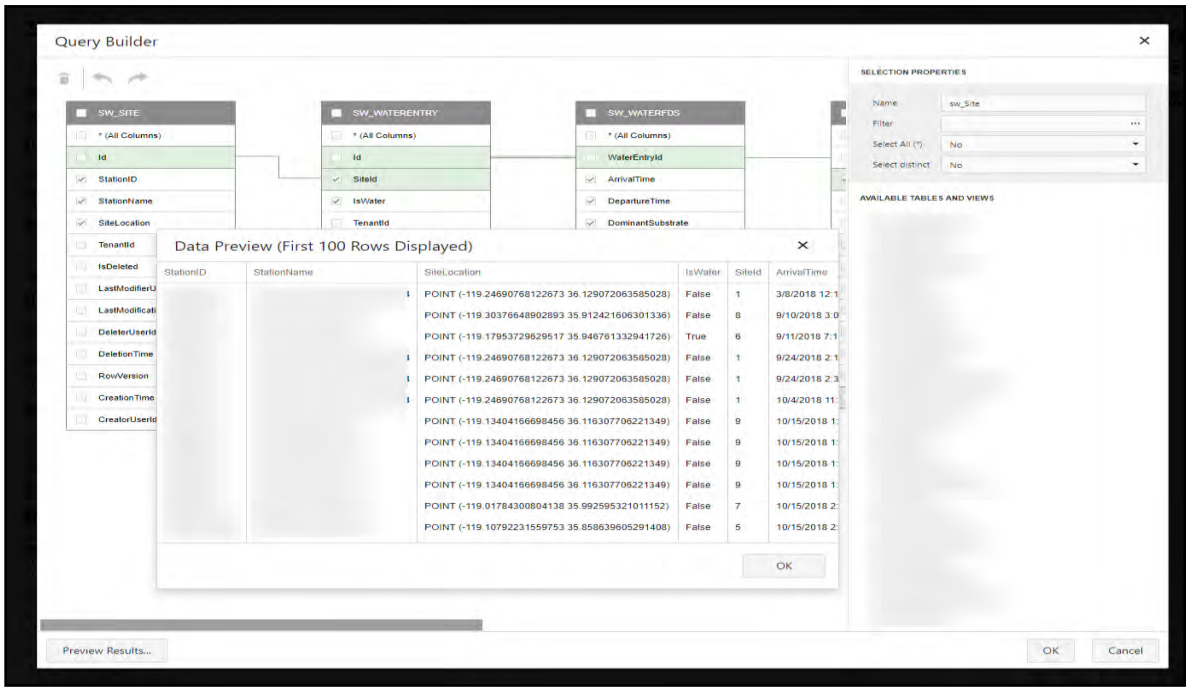


Figure A1-13: Redacted Ad Hoc Query Builder Example

5.2.4.2 Standard Reports

Standard report chart and table formats such as those included in the annual and 5-year reports can be generated utilizing the DMS. Additional reporting requirements can be created by end users. In order to provide end users with flexibility in reporting, the tools are intended to be self-serviced by the end-users. End-users will be able to create their own reports using data they have permission to access.

If commonality is discovered between participating agencies, a Standardized report can be created and shared with all agencies that as required. All generated reports and reporting tools will be built to comply with § 352.4 of the SGMA Act.

5.3 Data Included in the Data Management System

Table A1-7: Summary of Data included in DMS identifies the specific data type, the source of the data, and entry of the data in to the DMS.

Table A1-7: Summary of Data

Data Type	Source Name		Entry Type
Groundwater Quantity	DWR Water Library		Public Source
	DWR GICIMA		Public Source
	CASGEM		Public Source
	Irrigation Districts		Private Source
	DCTRA		Private Source
	TRA		Private Source
	TBWQC		DMS Transfer
	GSA'S		
	>	LTRID GSA	User Entry
	>	Pixley GSA	User Entry
	>	ET GSA	User Entry
	>	DEID GSA	User Entry
	>	Tri- County GSA	User Entry
		Tulare County GSA	User Entry

	>	Alpaught GSA	User Entry
Groundwater Quality	DWR Water Library		Public Source
	GAMA Geotracker		Public Source
	SCWRB Drinking Water Branch		Public Source
	RWQCB Annual Reports		Public Source
	TBWQC		Public Source
	County of Tulare		Public Source
Surface Water Quantity	Army Corps of Engineers		Public Source
	USGS Gaging Stations		Public Source
	Bureau of Reclamation		Public Source
	Tule River Authority		Private Source
	DWR - CDEC Stations		Public Source
Surface Water Quality	CA Environmental Data Exchange		Public Source
	TBWQC		DMS Transfer
	Friant Water Authority		Public Source
	Corps of Engineers		Public Source
Precipitation	DWR		Public Source
	CIMIS		Public Source
	Corps of Engineers		Public Source
	TBD		N/A
Crop Data	USDA Cropscape		Public Source
	DWR-CADWR		Public Source
	TBWQC Members		DMS Transfer
	Irrigation Districts		Public Source
	FMMP		Public Source
	LandSAT		Public Source
Urban	Cities		Public Source
	Counties		Public Source

Soil/Geology	NRCS	Public Source
	DWR Well Reports	Public Source
	USGS Reports	Public Source
Subsidence	USGS	Public Source
	TBWQC	Public Source
	UNAVCO	Public Source
Groundwater Extraction	Well Meters	TBD
	ET Data	DMS Transfer
	LanSAT Metric	DMS Transfer
Surface Water Use	Irrigation Districts	Private Source
	TRA	Private Source
Future Sources	DAC/DUC IRWM Info	Private Source
Well Data	Well Completion Reports	Annually
	Physical Well Info	TBD

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Figures

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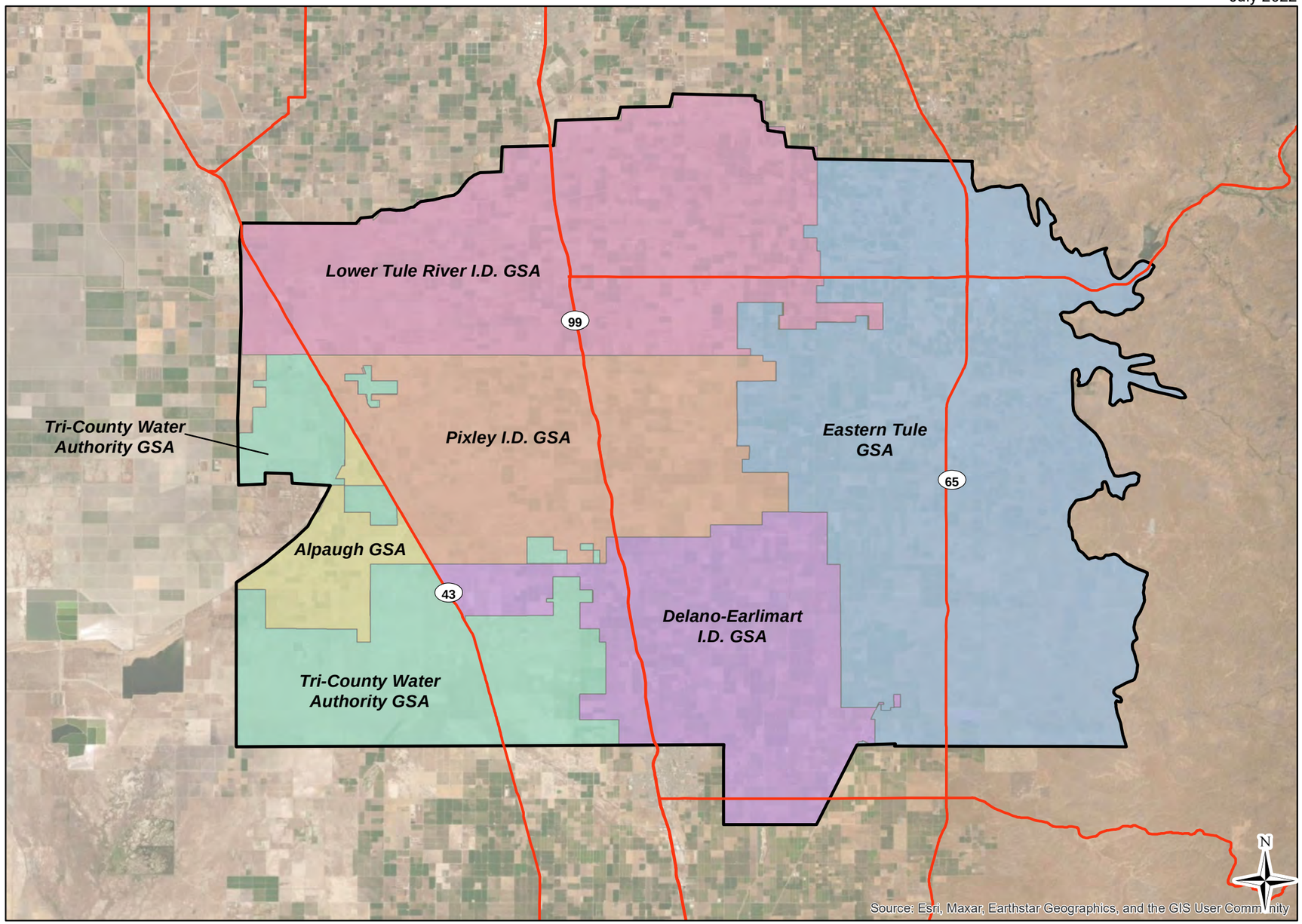
Tule Subbasin

July 2022



0 2.5 5 10 Miles

NAD 83 State Plane Zone 4

Thomas Harder & Co.
Groundwater Consulting

Tule Subbasin Monitoring Plan

Map Features

- Delano Earlimart ID GSA
- Tri-County Water Authority GSA
- Alpaugh GSA
- Lower Tule River ID GSA
- Pixely ID GSA
- Eastern Tule GSA
- Basin Boundary
- State Highway

GSA Boundaries from:
http://sgma.water.ca.gov/portal/#gsa
Accessed 18-Jul-17

Area Map
Figure A1-1

Tule Subbasin

July 2022

T.20S.
T.21S.
T.22S.
T.23S.
T.24S.
T.25S.

LTRID TSS U
LTRID TSS M
LTRID TSS L
01F01
03R01
20S/26E-32
E0264833
E0212720
489364
243330
488430
21S/27E-18M01
11P01
14P01
488425
153207
E0114156
508057
C-10
E0078229
C-16
C-1
Mike Knight
EP-5
21S/23E-31
E0047650
14N01
21S/23E-25
30D02
129332
35A01
32A01
R-11
R-6
29615
E0252293
E0291815
36R01
33J01
36A01
Avenue 144
21S/25E-36
21S/26E-32B02
32K01
09A01
01Q01
10E01
21S/26E-34
C-27
942425
03H01
AP-2
65
99
15A01
10J01
13A01
07Q01
22S/23E-16
22S/23E-09
E072308
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22S/27E-16
13R01
E0334821
E0117085
G1
G23
E18
E14
E20
20A01
22S/25E-30
22S/26E-24
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516902
30J01
G13
W9
E21
E10
23J01
25N01
25J01
W13, W14
E12
G28
W11
W16
43
TSMW 1L
724662
E076023
E01033591
01J01
E005996
783364
23S/27E-07
12J01
481234
23S/28E-04K01
23S/25E08G01
23S/26E-11
16N04
TSS PIDGSA-01 U
TSS PIDGSA-01 L
956181
Well 53
Well 51
27C01
30B01
23S/25E-27
23S/26E-29D01
23R01
23S/27E-27
Well 55
28J02
33A02
785622
1095876
25N01
03A01
E0083349
34Q01
E0070434
04E02
1G
23S/25E-36H01
04P01
915227
01R01
M-19
08L01
TSMW-5L
TSMW-5U
TSMW-6L
TSMW-6SM
24S/24E-14R
13F01
E0060486
E0052358
24S/27E-23
24S/24E-22M
24S/25E-19R
24S/26E-11
118722
20P01
22P01
22E01
22R02
E0083113
E0077871
26F01
24S/25E-35H01
32G01
489110
32K01
31N1
E0346058
36J01
24S/27E-34
35P01
35P01
32M01
25S/26E-08D01
25S/26E-09C01
Garces Hwy

R.22E. R.23E. R.24E. R.25E. R.26E. R.27E. R.28E. R.29E.

N

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

0 2.5 5 10 Miles

NAD 83 State Plane Zone 4

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Groundwater Consulting

Tule Subbasin Monitoring Plan

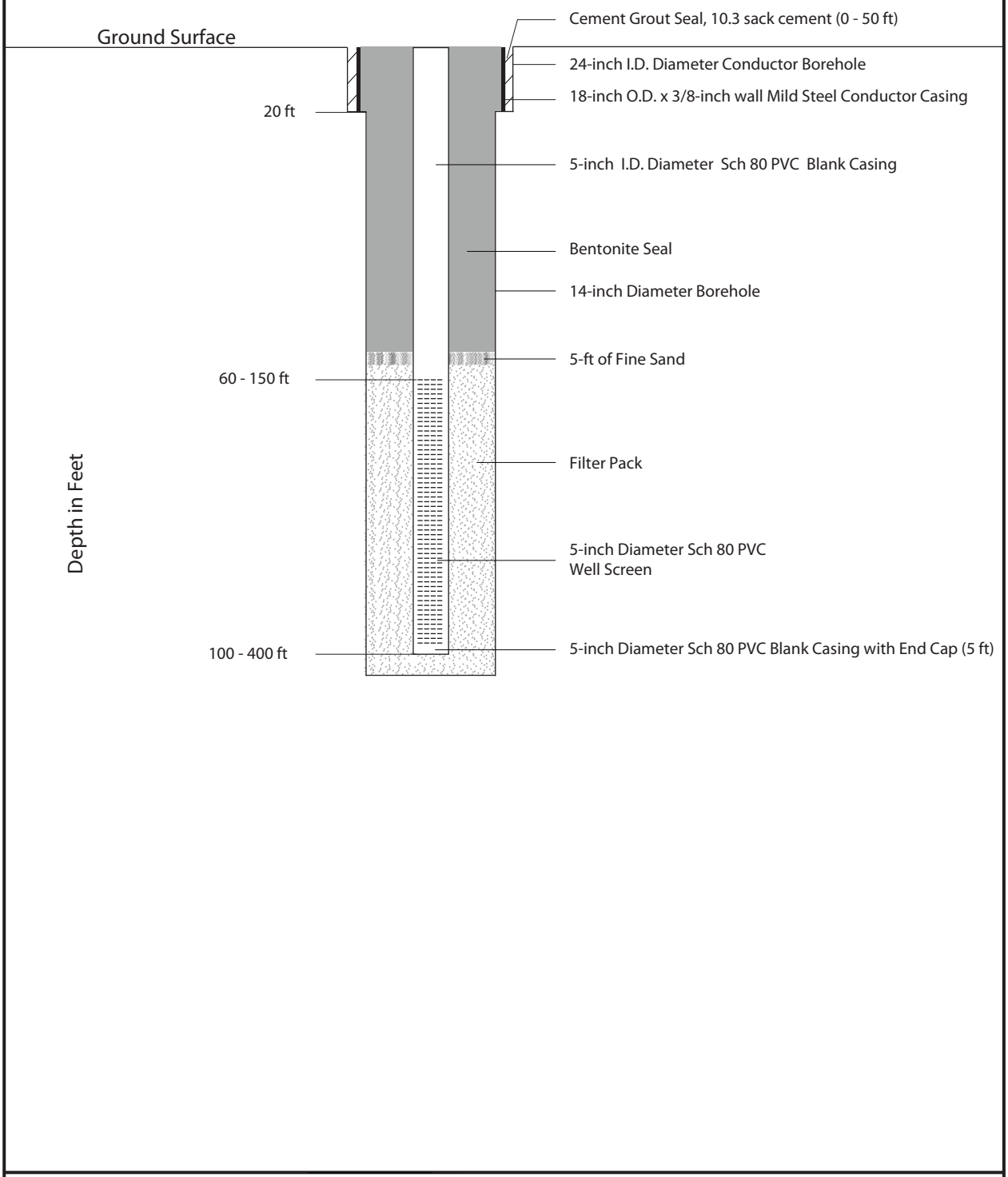
Map Features

- Upper Aquifer Well
- Upper Aquifer RMS Well
- Lower Aquifer Well
- Lower Aquier RMS Well
- Composite Aquifer Well
- Composite Aquifer RMS Well
- Santa Margarita Well
- Santa Margarita RMS Well
- Alpaugh GSA
- Delano-Earlimart I.D. GSA
- Eastern Tule GSA
- Lower Tule River I.D. GSA
- Pixley I.D. GSA
- Tri-County Water Authority GSA
- Basin Boundary
- Canal
- Friant-Kern Canal
- State Highway
- Major Hydrologic Feature

: Areas targeted for future monitoring wells.

Groundwater Level Monitoring Network

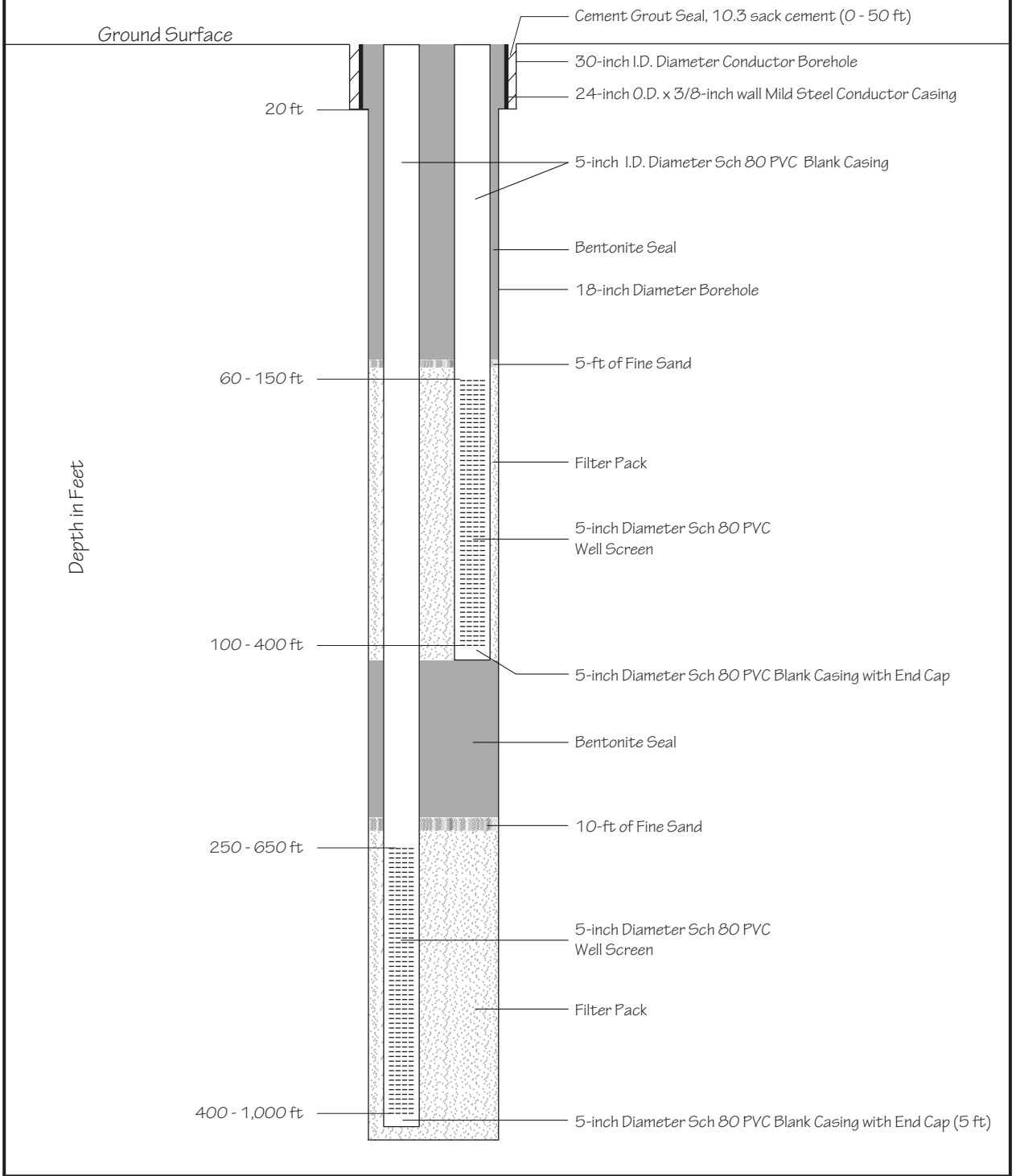
Figure A1-2



Note:
1. Not to Scale.
2. Centralizers to be placed every 60 ft in screened sections only.
3. Casing to include at least one compression section.

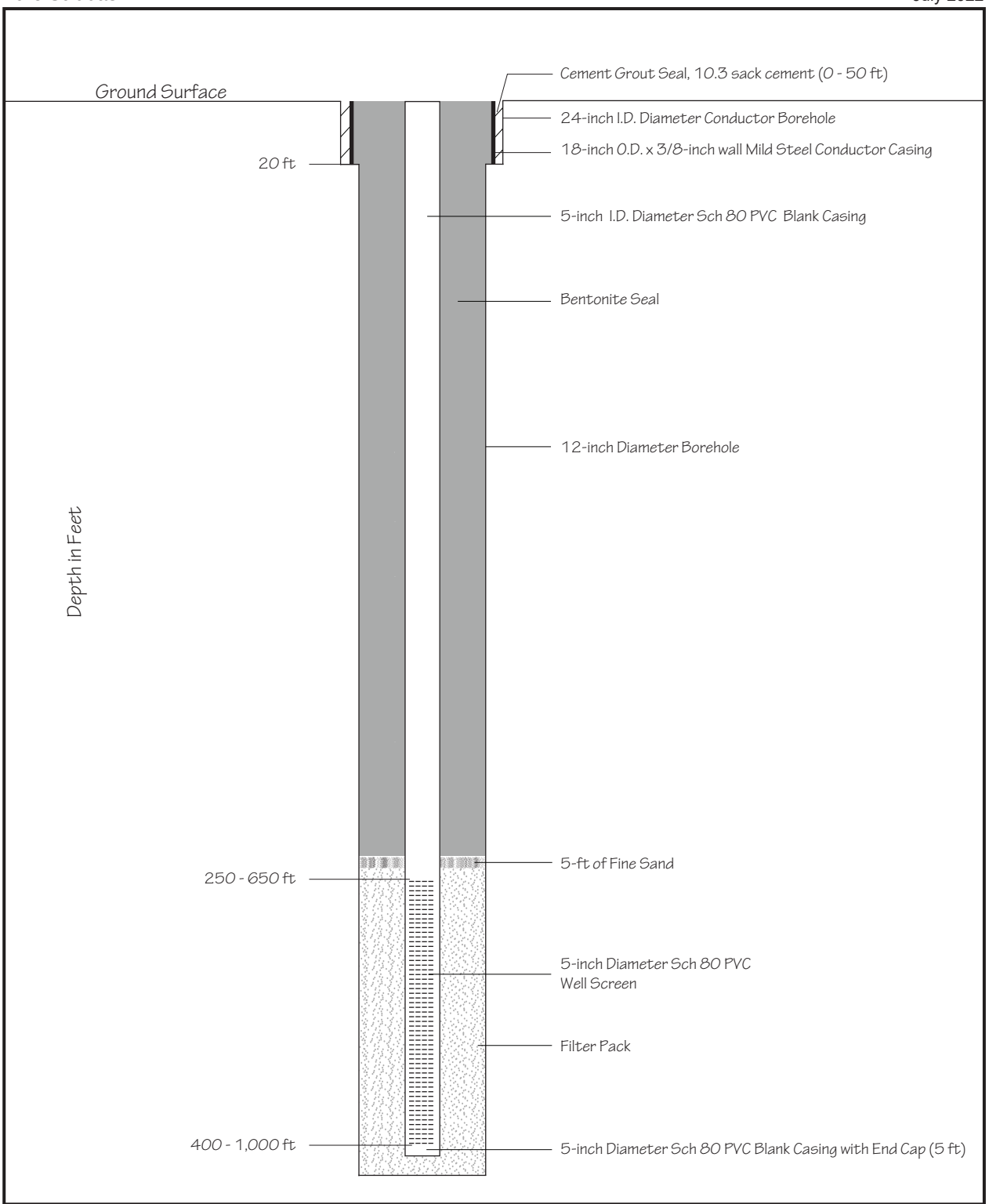
Thomas Harder & Co.
Groundwater Consulting

Figure A1-3
Conceptual Upper Aquifer Well Construction Diagram



Note:
1. Not to Scale.
2. Centralizers to be placed every 60 ft in screened sections onlu.
3. Each casing to include at least one compression section.

Figure A1-4
Conceptual Nested Well Construction Diagram



Note:
1. Not to Scale.
2. Centralizers to be placed every 60 ft in screened sections only.
3. Casing to include at least one compression section.

Thomas Harder & Co.
Groundwater Consulting

Figure A1-5
Conceptual Lower Aquifer Well Construction Diagram

Tule Subbasin

July 2022

T.20S.
T.21S.
T.22S.
T.23S.
T.24S.
T.25S.

E0090245
243330
E0264833
E0212720
360725
E0078229
21S/28E-31
489364
488430
508057
488425
153207
E0114156
943181
30402
129332
21S/24E-25
E0047650
E0252293
E0291815
29615
C-27
1086588
E0084286
E049930
715324
AP-2
AP-1
415241
26857
165452
E054449
E0330539
415133
E0307516
E0334821
G-1
E0259438
E0117085
489856
E0078570
516902
E054456
783364
E077033
E054498
E076023
500094
724662
E01033591
E005996
957132
718188
956181
E0119660
785622
1095876
925804
154514
E0083349
E064159
E0146035
915227
E0060486
E0052358
E0083113
118722
E0070434
E0155481
706282
E0077871
1095774
489110
154330
E0346058
E0092100

N

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

R.22E. R.23E. R.24E. R.25E. R.26E. R.27E. R.28E. R.29E.

0 2.5 5 10 Miles

NAD 83 State Plane Zone 4

Thomas Harder & Co.
Groundwater Consulting

Tule Subbasin Monitoring Plan

Map Features

- Groundwater Quality Well Location
- Canal
- Friant-Kern Canal
- Basin Boundary
- GSA Boundaries
- State Highway/Major Road

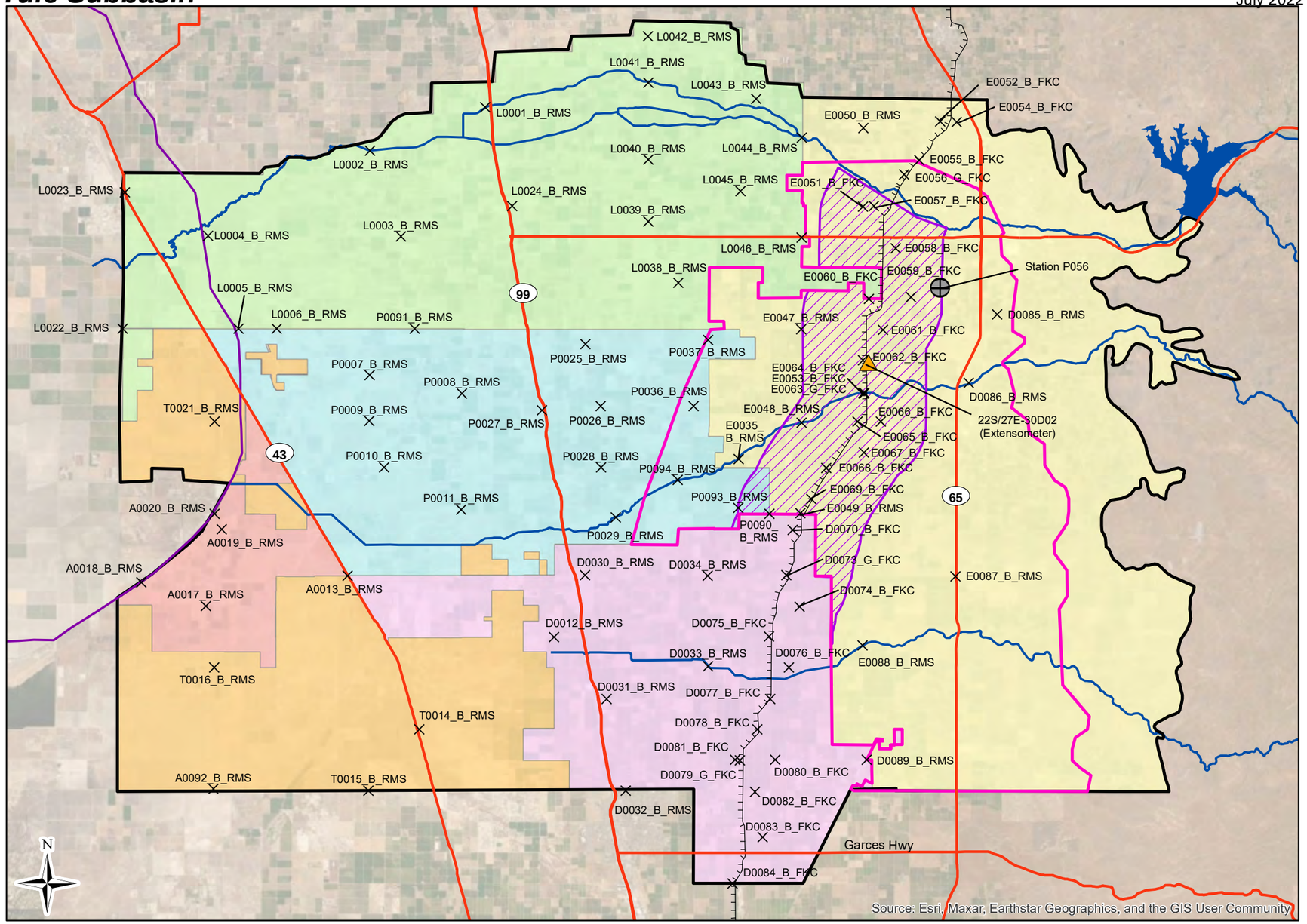
Well Location data from:
Tule Basin Water Quality Coalition, 2017

Groundwater Quality Monitoring Network

Figure A1-6

Tule Subbasin

July 2022



0 2 4 8 Miles

NAD 83 State Plane Zone 4

Thomas Harder & Co.
Groundwater Consulting

Tule Subbasin Monitoring Plan

Map Features

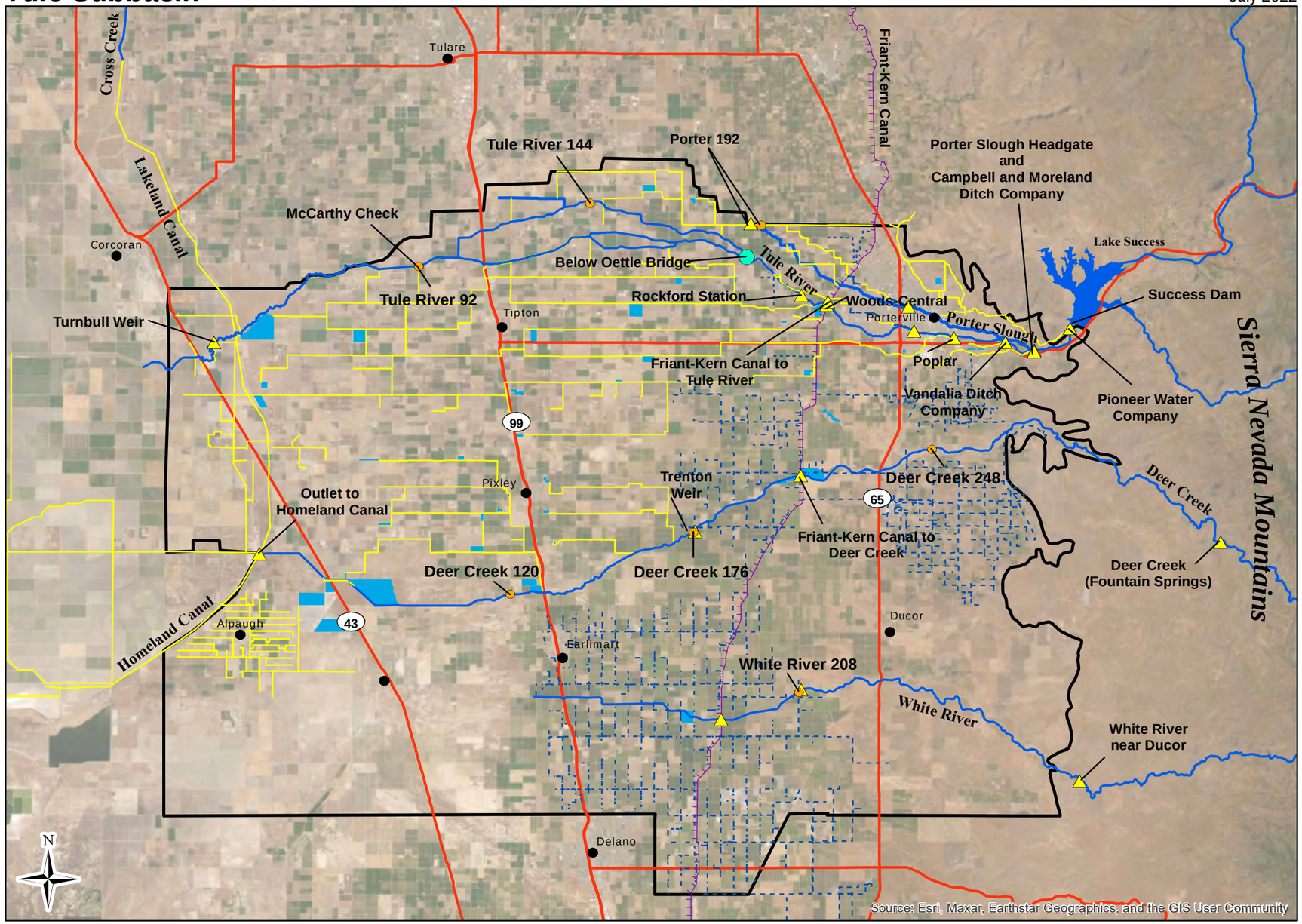
- Land Surface Elevation RMS
- Extensometer
- GPS Station
- Alpaugh GSA
- Delano-Earlimart I.D. GSA
- Eastern Tule GSA
- Lower Tule River I.D. GSA
- Pixley I.D. GSA
- Tri-County Water Authority GSA
- Friant-Kern Canal and California Aqueduct
- Canal
- ETGSA Monitored Area
- ETGSA Management Area
- Basin Boundary
- State Highway

Land Surface Elevation Monitoring Network

Figure A1-7

Tule Subbasin

July 2022



0 2.5 5 10 Miles

NAD 83 State Plane Zone 4

Thomas Harder & Co.
Groundwater Consulting

Tule Subbasin Monitoring Plan

Map Features

- Surface Water Sampling Site
- Surface Water Measurement Location
- Surface Water Diversion Location
- Friant-Kern Canal and California Aqueduct
- Canals
- Pipe
- State Highway
- Major Hydrologic Feature
- Basin Boundary
- Artificial Recharge Basin
- City or Community

Surface Water Monitoring Features

Figure A1-8

Tables

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Table A1-1

Summary of Existing Upper Aquifer RMS Wells

CASGEM State Well Number	Short State Well Number	Well Name/ Well Log	Owner	Borehole Depth (ft bgs)	Casing Depth (ft bgs)	Top of Perforations (ft bgs)	Bottom of Perforations (ft bgs)	Aquifer[1]	Groundwater Level Record	X-Coordinate[2] (ft)	Y-Coordinate[3] (ft)
21S23E32K001M	21S/23E-32K01	32K01	N/A[4]	N/A[5]	406	104	402	U	1973 - 2016	6412096	1903994
21S24E35A001M	21S/24E-35A01	35A01	N/A	328	328	245	302	U	1954 - 2018	6461001	1906318
21S25E03R001M	21S/25E-03R01	03R01	N/A	328	274	145	238	U	1961 - 2016	6487724	1929460
N/A	21S/26E-34	Poplar CSD	N/A	400	400	120	400	U	N/A	6519268	1903301
22S26E13R001M	22S/26E-13R01	13R01	N/A	385	380	240	380	U	1960 - 2017	6529369	1886156
22S27E13A001M	22S/27E-13A01	13A01	Robert Job	400	400	120	380	U	1945 - 2017	6561151	1890683
23S24E28J002M	23S/24E-28J02	28J02	N/A	500	500	200	500	U	1953 - 2017	6450366	1846351
23S25E16N004M	23S/25E-16N04	16N04	USGS	250	240	200	240	U	1959 - 1982	6476961	1854788
24S26E04P001M	24S/26E-04P01	04P01	N/A	402	393	216	393	U	1979 - 2014	6511204	1834634
N/A	22S/23E-25C01	E20	Angiola W.D.	500	490	240	480	U	2008 - 2017	6430745	1880707
N/A	N/A	C-1	City of Porterville	330	240	120	240	U	1982 - 2017	6557099	1909024
N/A	N/A	R-11	City of Porterville	216	216	0	216	U	1984 - 2016	6531833	1909116
N/A	N/A	M-19	DEID	810	N/A	200	350	U	2017	6505880	1830731
22S24E23J001M	22S/24E-23J01	23J01	N/A	400	N/A	N/A	N/A	U	1947 - 2013	6461034	1883355
22S25E25N001M	22S/25E-25N01	25N01	N/A	437	N/A	N/A	N/A	U	1959 - 2018	6494108	1875965
N/A	24S/23E-22E01	22E01	N/A	N/A	N/A	N/A	N/A	U	1980 - 2007	6419302	1820863
24S26E32G001M	24S/26E-32G01	32G01	N/A	470	N/A	N/A	N/A	U	1932 - 2009	6507272	1810870
N/A	21S/26E-32B02	E049930	Jeremy Blackwell	N/A	280	200	260	U	N/A	6507607	1906658
N/A	24S/25E-35H01	1095774	Jonathan Martin	N/A	340	160	320	U	N/A	6489675	1809760
N/A	23S/26E-29D01	E0119660	N/A	N/A	300	160	300	U	N/A	6504558	1847673
N/A	21S/27E-18M01	360725	David Fenn	N/A	300	150	300	U	N/A	6535326	1921533
N/A	N/A	TSMW 5U	Tule Subbasin TAC	310	285	170	280	U	2020 - 2021	6413232	1823570
N/A	N/A	TSS PIDGSA-01 U	Tule Subbasin TAC	1,020	260	180	250	U	2021	6492776	1857661
N/A	23S/25E-08G01	08G01	N/A	N/A	420	320	420	U	2021	6471859	1863508
N/A	N/A	LTRID TSS U	Tule Subbasin TAC	1525	290	150	280	U	2020 - 2021	6469280	1930833
N/A	N/A	21S/23E-31	N/A	N/A	400	200	400	U	2021	6408325	1907222
N/A	N/A	36201	N/A	N/A	399	301	399	U	2003 - 2011	6521736	1830641

Notes:

[1] U = Well Perforated in Upper Aquifer

[2] X-Coordinates in State Plane Zone 4 (feet)

[3] Y-Coordinates in State Plane Zone 4 (feet)

[4] N/A = Not Available

Summary of Existing Lower Aquifer RMS Wells

CASGEM State Well Number	Short State Well Number	Well Name/ Well Log	Owner	Borehole Depth (ft bgs)	Casing Depth (ft bgs)	Top of Perforations (ft bgs)	Bottom of Perforations (ft bgs)	Aquifer[1]	Groundwater Level Record	X-Coordinate[2] (ft)	Y-Coordinate[3] (ft)
22S24E01Q001M	22S/24E-01Q01	01Q01	N/A[4]	720	700	480	700	C	1963 - 2016	6465168	1896727
24S24E03A001M	24S/24E-03A01	03A01	N/A	1,602	1,602	804	1,602	L	1961 - 2014	6455570	1838610
N/A[5]	22S/23E-27F01	G13	Angiola W.D.	N/A	1,604	782	1,604	L	1962 - 2017	6420049	1878149
N/A	E0117919	M-19	DEID	810	N/A	705	805	L	2017	6505880	1830731
N/A	22S/23E-07	E0094101	Artesia Dairy Farm	1,020	1,000	660	1,000	L	N/A	6408375	1891526
N/A	22S/26E-24	E0094537	Gill & Sons Farm	1,270	1,240	670	1,220	L	N/A	6529798	1881999
N/A	23S/26E-23R01	23R01	A.L.G. Enterprises	1,720	1,700	600	1,700	L	N/A	6523098	1849144
24S23E22R002M	24S/23E-22R02	22R02	N/A	1,205	1,200	500	1,200	L	N/A	6423826	1817704
N/A	N/A	C-16	N/A	560	548	240	548	C	N/A	6546906	1912287
N/A	N/A	E0090245	N/A	N/A	680	320	680	L	N/A	6507628	1933560
N/A	N/A	489110	Richgrove CSD	N/A	850	480	830	C	N/A	6530537	1812175
N/A	N/A	E0155481	Jeremy Blackwell	N/A	1,500	1,090	1,500	L	N/A	6553106	1821699
N/A	23S/27E-27	925804	Tom Day	N/A	1,405	1,035	1,385	SM	N/A	6546617	1843950
N/A	N/A	E0084286	Doug Van Beek	N/A	650	320	640	L	N/A	6493618	1905179
N/A	N/A	E0259438	George Rispens	N/A	840	340	840	C	N/A	6475060	1883261
23S23E25N001M	23S/23E-25N01	25N01	N/A	N/A	N/A	N/A	N/A	L	1990 - 2017	6429320	1845090
N/A	N/A	Well 55	Alpaugh I.D.	N/A	1459	707	1459	L	2014 - 2021	6432067	1849112
N/A	N/A	TSMW 5L	Tule Subbasin TAC	1,010	955	670	950	L	2020 - 2021	6413230	1823473
N/A	N/A	LTRID TSS M	Tule Subbasin TAC	1,525	815	610	805	L	2020 - 2021	6469276	1930846
N/A	N/A	LTRID TSS L	Tule Subbasin TAC	1,525	1480	1100	1470	L	2020 - 2021	6469280	1930941
N/A	N/A	TSS PIGDSA-01 L	Tule Subbasin TAC	1,020	1015	400	1005	L	2021	6492772	1857661
N/A	23S/25E-36H01	36H01	N/A	N/A	600	360	600	L	2021	6497755	1841331
N/A	25S/26E-09C01	09C01	N/A	N/A	1002	450	1002	L	2021	6509077	1797598
N/A	24S/27E-32M01	32M01	N/A	N/A	1800	1002	1800	SM	2013 - 2022	6536532	1808343
N/A	N/A	TSMW 6L	Tule Subbasin TAC	610	605	350	600	L	2020 - 2021	6539199	1822265
N/A	N/A	TSMW 6SM	Tule Subbasin TAC	2,000	1955	1600	1950	SM	2020 - 2021	6539197	1822172
N/A	N/A	TSMW 1L	Tule Subbasin TAC	1,010	1005	550	1000	L	2021	6455531	1866659
N/A	N/A	E0174371	N/A	N/A	800	300	800	C	2020 - 2021	6487403	1846609
N/A	23S/28E-04K01	04K01	N/A	N/A	530	160	530	C	2020 - 2021	6573264	1865684

Notes:

[1] L = Well Perforated in Lower Aquifer
C = Well Perforated Across Multiple Aquifers (i.e. Composite)
SM = Well Perforated in Santa Margarita Aquifer

[2] X-Coordinates in State Plane Zone 4 (feet)

[3] Y-Coordinates in State Plane Zone 4 (feet)

[4] N/A = Not Available

Table A1-3

Groundwater Quality Trend Monitoring Constituents

Annual Sampling				Five Year Sampling			
Field Analysis	**Units**	**Laboratory Analysis**	**Units**	**Field Analysis**	**Units**	**Laboratory Analysis**	**Units**
Electrical Conductivity (EC)	µmhos/cm[1] (at 25˚C)	Nitrate as N	mg/L	Electrical Conductivity (EC)	µmhos/cm (at 25˚C)	Total Dissolved Solids (TDS)	mg/L
pH	Standard Unit	-	-	pH	Standard Unit	Nitrate as N	mg/L
Dissolved Oxygen (DO)	mg/L[2]	-	-	Dissolved Oxygen (DO)	mg/L	Carbonate	mg/L
Temperature	˚C[3]	-	-	Temperature	˚C	Bicarbonate	mg/L
-	-	-	-	-	-	Chloride	mg/L
-	-	-	-	-	-	Sulfate	mg/L
-	-	-	-	-	-	Boron	mg/L
-	-	-	-	-	-	Calcium	mg/L
-	-	-	-	-	-	Sodium	mg/L
-	-	-	-	-	-	Magnesium	mg/L
-	-	-	-	-	-	Potassium	mg/L

Notes:

[1] µmhos/cm = micromhos per centimeter

[2] mg/L = milligrams per liter

[3] ˚C = Degrees Celcius

Table A1-4

Stream Gages in the Tule Subbasin

River	Stream Gage	Location (Latitude, Longitude)	Period of Record	Gage Type	Comments
Tule River	Success Dam	Lat 36º 03' 23", Long 118º 55' 22"	October 1953 - Present	Water stage recorder	The discharge at this station is controlled by the release from Success Reservoir. The recorder is operated and maintained by the U.S. Army Corps of Engineers.
	Rockford Station	Lat. 36º 04' 40", Long 119º 06' 22"	February 1957 - Present	Concrete weir equipped with a water stage recorder	The recorder is operated and maintained by the Tule River Association.
	Turnbull Weir	Lat 36º 03' 4", Long 119º 30'	1942 - Present	Rated section of the natural channel equipped with a staff gage	Records currently maintained by the TRA with the assistance of Downstream Kaweah and Tule Rivers Association. Manual measurements of stream velocity and stage are conducted by LTRID.
	Friant-Kern Canal Discharge into the Tule River	Lat. 36º 04' 25", Long 119º 05' 15"	June 1950 - Present	Modified 20 ft parshall flume	Records are furnished by the U.S. Bureau of Reclamation.
	Friant-Kern Canal Discharge into the Porter Slough	Lat. 36º 05' 00", Long. 119º 04' 50"	June 1950 - Present	15 ft rectangular weir	Records are furnished by the U.S. Bureau of Reclamation.
Deer Creek	Deer Creek at Fountain Springs	Lat 35º 56' 30", Long 118º 49' 19"	1968 - Present	Water stage recorder	Gage operated, managed and data collected by the USGS.
	Deer Creek at Trenton Weir*	Lat 36° 56' 46", Long 119° 10' 52"	N/A	Concrete weir equipped with a water stage recorder	Records currently maintained by the U.S. Army Corps of Engineers.
	Deer Creek at Homeland Canal	N/A[1]	N/A	N/A	
White River	Road 208*	Lat 35° 51' 32", Long 119° 6' 28"	N/A	N/A	Streamflow in this river is currently monitored manually at Road 208 by the Tule Basin Water Quality Coalition and Delano-Earlimart Irrigation District.

Notes:

[1] N/A = Not Available

* Latitude and Longitude are estimated from ArcGIS for Deer Creek at Trenton Weir and at Road 208 along the White River. All other latitude and longitude measurements are reported by the United States Geological Survey.

Table A1-5

Surface Water Quality Constituents for Analysis

Constituent	Units	Trigger Limit	Tule River Poplar Avenue (2004 - 2005)	Deer Creek Road 248 (2010 - 2013)	White River Road 208 (2011)
Electrical Conductivity	µS/cm[1]	*1,000.00*	67.7 - 157.8	148 - 284	272 - 304
pH	n/a[6]	*6.5 - 8.3*	7.02 - 8.94	7.7 - 8.9	8.18 - 9.03
Total Dissolved Oxygen	mg/L[2]	*min. 7.0*	6.3 - 9.4	7.0 - 11.1	8.94 - 10.64
E. Coli	MPN[5]/100 mL	*235.00*	n/a	81.3 - 2,419	980.40
Total Organic Carbon	mg/L	*n/a*	0.58 - 6.77	1.65 - 7.2	6.2 - 8.7
Hardness (as $CaCO_3$)	n/a	*n/a*	22.4 - 66.6	51.5 - 95.5	97.8 - 109.0
Total Suspended Solids	mg/L	*n/a*	n/a	4.75 - 574	73.3 - 91.0
Total Dissolved Solids	mg/L	*450.00*	50.0 - 120.0	99 - 398	180 - 211
Turbidity	NTU[4]	*n/a*	4.4 - 35	1.58 - 12.0	55.8 - 86.9
Arsenic	µg/L[3]	*10*	1.47 - 2.37	1.71 - 2.36	n/a
Boron	µg/L	*700.00*	19 - 38	28.6 - 93.7	n/a
Cadmium (Total)	µg/L	*5*	0.011 - 0.050	0.03 - 0.2	n/a
Copper (Total)	µg/L	*1,300.00*	3.54 - 5.93	1.58 - 3.82	n/a
Lead (Total)	µg/L	*15.00*	0.23 - 0.81	0.32 - 5.43	n/a
Molybdenum (Total)	µg/L	*10 / 35*	n/a	0.0044 - 0.0082	n/a
Nickel (Total)	µg/L	*100.00*	0.47 - 2.23	0.51 - 3.84	n/a
Selenium (Total)	µg/L	*50.00*	0.36	1.0 - 2.0	n/a
Zinc (Total)	µg/L	*n/a*	2.54 - 6.19	4.86 - 34.5	n/a
Phosphorus as P	mg/L	*n/a*	21.1 - 64.1	0.01 - 0.014	0.06 - 0.34
Ammonia	mg/L	*1.50*	0.07	0.05 - 0.028	0.069 - 0.20
Nitrate as N	mg/L	*10.00*	0.07 - 0.30	0.03 - 1.00	0.70 - 2.90
Orthophosphate as P	mg/L	*n/a*	0.01 - 0.16	0.03 - 0.022	0.23 - 0.84
Phosphorus as P	mg/L	*n/a*	21.1 - 64.1	0.01 - 0.014	0.06 - 0.34

Notes:

[1] µS/cm = microsiemen per centimeter
[2] mg/L = milligrams per liter
[3] µg/L = micrograms per liter
[4] NTU = Nephelometric Turbidity Unit
[5] MPN = Most Probable Number
[6] n/a = Not Available

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Appendices

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Appendix A

Driller's Logs and Hydrographs for Existing Upper Aquifer Wells

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DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

21/24-35A1

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

Well 257 REG 21/24-35A1 (G.S.)

WATER WELL DRILLERS REPORT

Dec. 21, 1956 (Sections 7076, 7077, 7078, Water Code)

SHEET 1 524 Tulare

Do Not Fill In
State Well No. 21/24E-34A1
Other Well No.
Region 5

(1) **Driller:**
Name Knapp & Graham 184
Address 463 W. Inyo, Tulare
License No. 1156 Classification C-57

(2) **Proposed use or uses** *(check)*:
Domestic ☐ Municipal ☐
Irrigation ☑ Industrial ☐
Domestic and Irrigation ☐ Test well ☐
Other

(3) **Equipment used** *(check)*:
Rotary ☐
Cable ☑
Dug well ☐
Other

Owner:
Name Ray Donaldson
Address P.O. Box 306, Tipton, Calif.

(4) **Type of work** *(check)*:
New well ☑ Reconditioning of well ☐
Deepening existing well ☐

CONFIDENTIAL

(5) **Well log:**
Total depth of well 315 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface			
0	ft. to	4	ft. Soil
4	" "	23	" Yellow Clay
23	" "	26	" Sand Med.
26	" "	63	" Sandy Clay
63	" "	104	" Rock Sand
104	" "	106	" Med. Sand
106	" "	134	" Sandy Clay
134	" "	139	" Rock Sand
139	" "	154	" Sandy Clay
154	" "	168	" Coarse Sand
168	" "	204	" Sandy Clay
204	" "	213	" Blue Clay
213	" "	246	" Blue Sandy Clay
246	" "	268	" Blue Sand Med.
268	" "	279	" Sticky Blue Clay
279	" "	302	" Coarse Blue Sand
302	" "	315	" Sticky Blue Clay
315	" "	?	" Blue Clay
	" "		"
	" "		"
	" "		"

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) **Casing left in well:**

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
328	12	✓	10 ga.	315
			.134	
	12-062-08	✓		

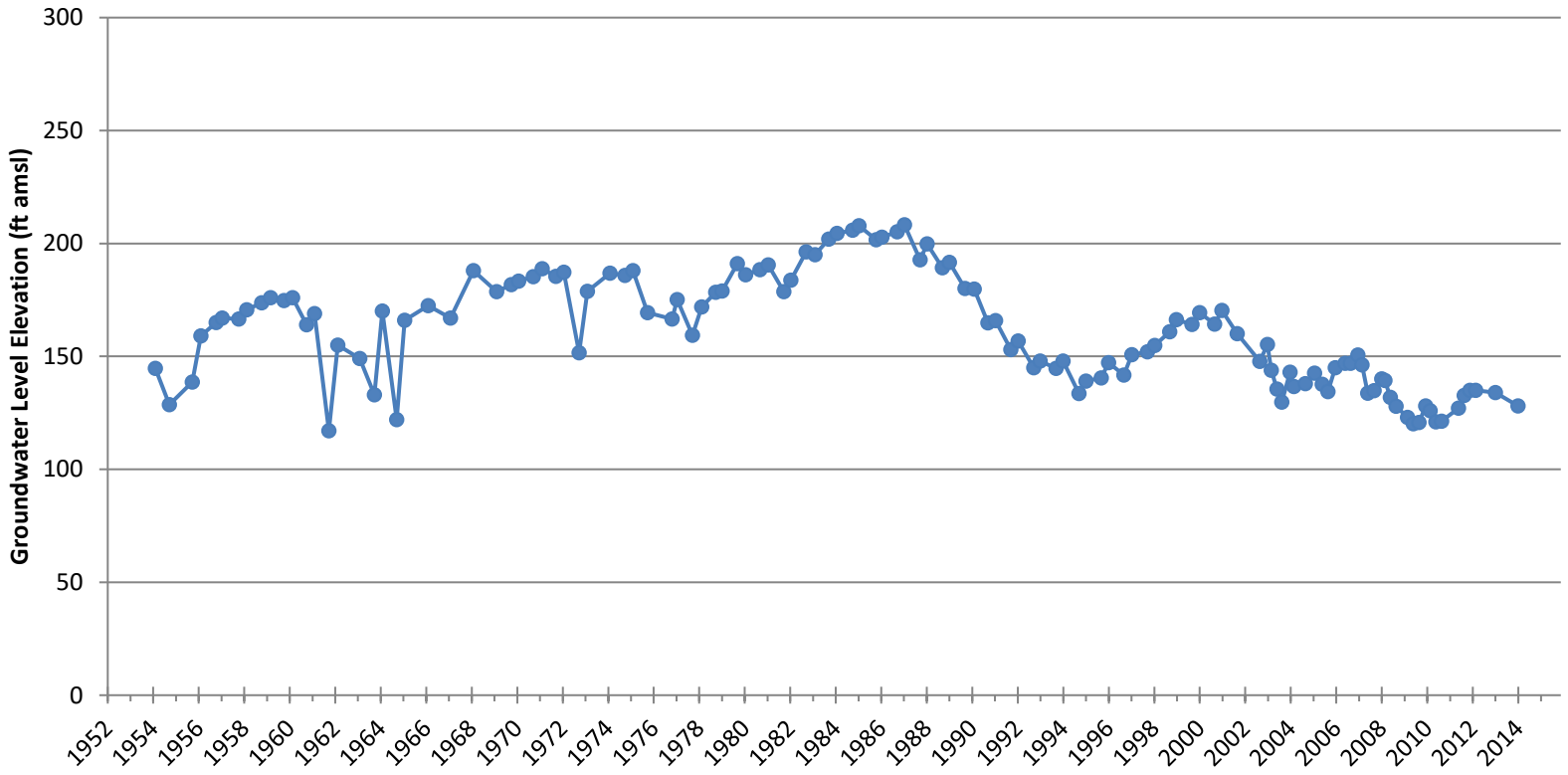
Type and size of shoe or well ring 12"x8"x5/16" steel Welded joints—☑ Yes ☐ No

D.W.R. FORM NO. 246

23971 3-50 40M QUIN SPO

Groundwater Hydrographs - Shallow

21S/24E-35A01



21/23-32K1 TOP 21/23-32K1

Well Log #2

J.W. Guiberson & Co. Corcoran, Calif

W.H. Lambert - Driller
Phone 546R2 - Corcoran, Cal.

Top	109'	Plain.
	5'	Pers & screen.
	6'	Plain.
	14'	Pers & screen.
	21'	Plain.
	6'	Pers & screen.
	11'	Plain.
	14'	Pers & screen.
	3'	Plain.
	6'	Pers. & screen.
	22'	Plain.
	10'	Pers. & screen.
	25'	Plain.
	10'	Pers & screen.
	5'	Plain.
	11'	Pers & screen.
	3'	Plain.
	12'	Pers & screen.
	8'	Plain.
	6'	Pers & screen.
	2'	Plain.
	8'	Pers & screen.
	11'	Plain.
	14'	Pers & screen.
	2'	Plain.
	8'	Pers & screen.
	28'	Plain
	10'	Pers & screen
	5'	Plain.
	7'	Pers & screen.
Bottom	4'	Plain

Plain Pipe - 265'
Pers. screen = 141'
Total ft. = 406

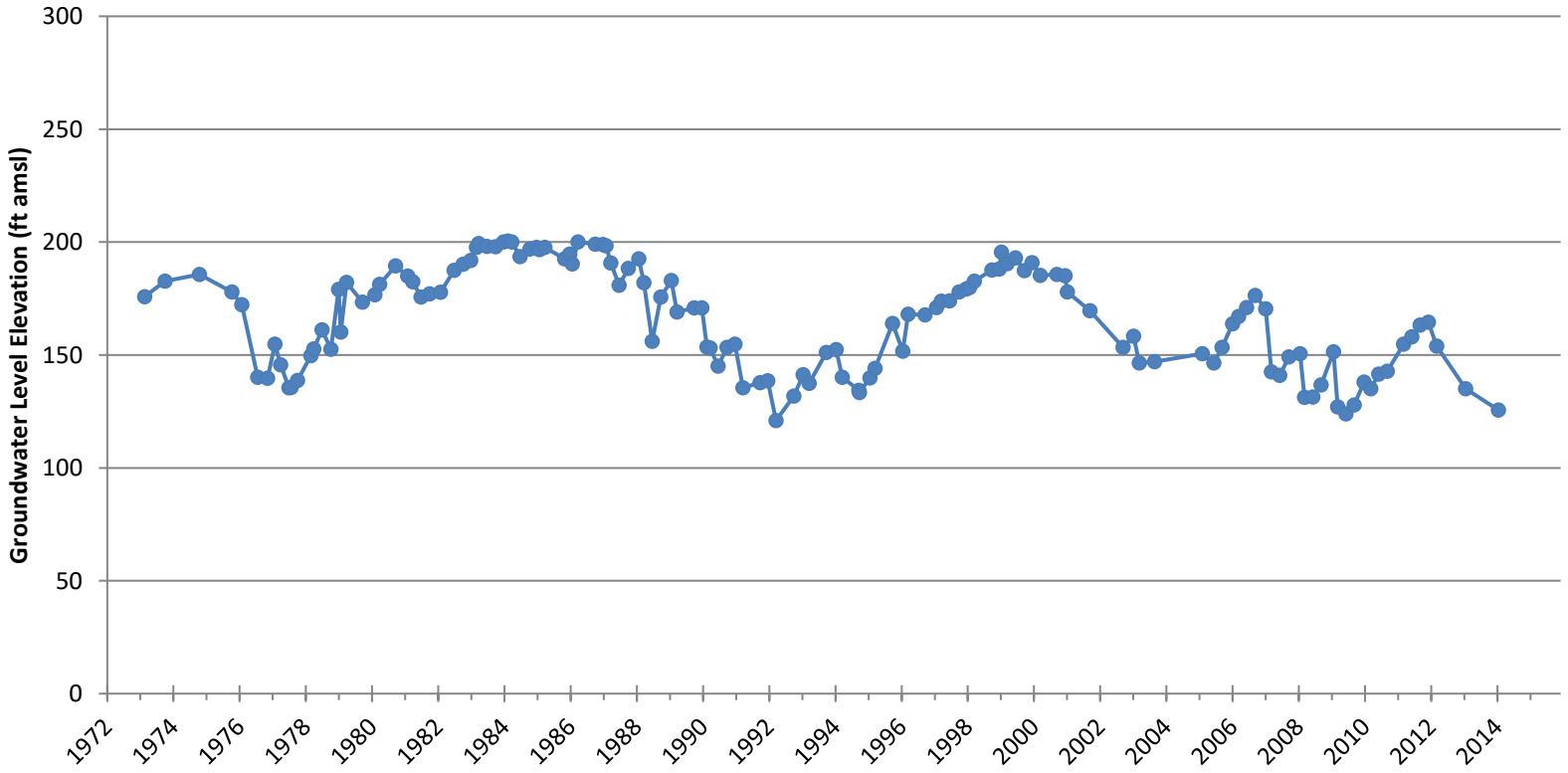
Kelim 32-21-23
Southeast well
March 4-1937

DESCRIPTION:

JOB NO.	CONSOLIDATED PIPE CO. BAKERSFIELD ENGINEERING DEPARTMENT	DATE
NUMBER REQUIRED		SALESMAN

Groundwater Hydrographs - Shallow

21S/23E-32K01



DUPLICATE 21/25-3R1 STATE OF CALIFORNIA
File Original, Duplicate and Triplicate with the DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA PEG

DIVISION OF WATER RESOURCES

21/25-3R1 (G.S.)

LSD 300

WATER WELL DRILLERS REPORT

Feb. 3, 1950 (Sections 7076, 7077, 7078, Water Code)

SHEET 1 of 1 Tu 12-c 21/25-3R1

Do Not Fill In
State Well No. 21S/24E-3R1
Other Well No.
Region 5

(1) **Driller:**
Name Knapp & Graham
Address 4682 W. Ind. Fresno Calif.
License No. 6956 Classification C-57

(2) **Proposed use or uses** *(check)*:
Domestic ☐ Municipal ☐
Irrigation ☑ Industrial ☐
Domestic and Irrigation ☐ Test well ☐
Other

(3) **Equipment used** *(check)*:
Rotary ☐
Cable ☑
Dug well ☐
Other

Owner:
Name G. O. Bergman
Address Fulerton Calif.

(4) **Type of work** *(check)*:
New well ☑ Reconditioning of well ☐
Deepening existing well ☐

(5) **Well log:**
Total depth of well 328 ft.

Depth From Ground Surface | Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

0 ft. to 6 ft.		Soil
6 " " 82 "		Sandy Clay
82 " " 90 "		Sand
90 " " 102 "		Sandy Clay
102 " " 108 "		Sand
108 " " 115 "		Fine Sand
115 " " 122 "		Sandy Clay
122 " " 152 "		Coarse Sand Perf 140 to 144 ft.
152 " " 168 "		Fine Sand
168 " " 188 "		Sandy Clay
188 " " 198 "		Fine Sand
198 " " 208 "		Sandy Clay
208 " " 236 "		Fine Sand
236 " " 238 "		Sandy Clay
238 " " 292 "		Sand
292 " " 296 "		Sandy Clay
296 " " 324 "		Coarse Sand stayed open
324 " " 328 "		Sandy Clay
		Fine Sand

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) **Casing left in well:**

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
274	14	D. Casing	129 (.105)	274

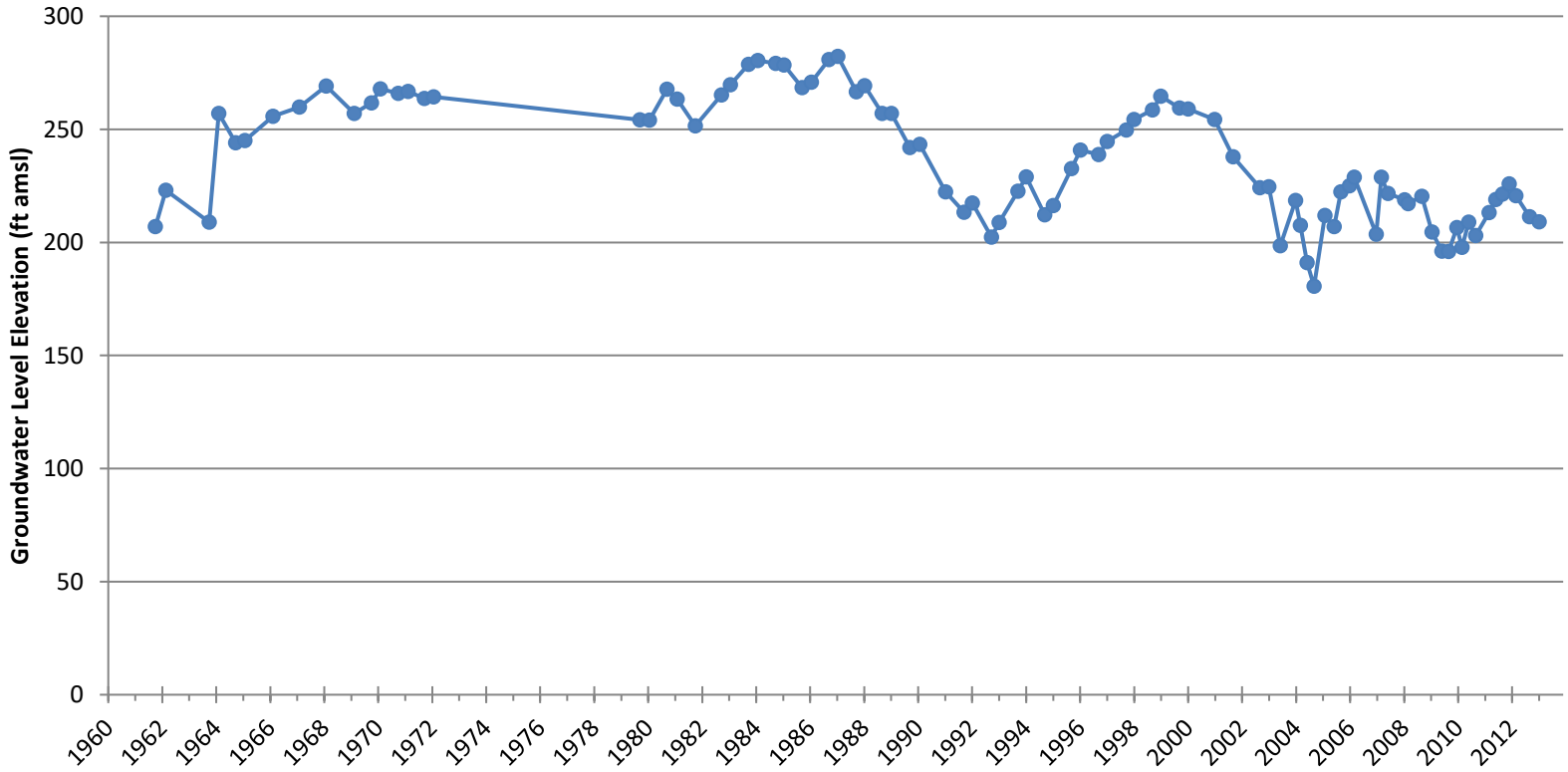
Type and size of shoe or well ring 14" x 8" x 5/8" Shoe Welded joints—☑ Yes ☐ No

400 feet north, 250 feet west of SE corner of section 3

D.W.R. FORM NO. 246 (USGS) 3-50 40M QUIN SPO

Groundwater Hydrographs - Shallow

21S/25E-03R01



DUPLICATE-
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

21/26-32A1

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

21/26-32 A1 (G.S.)

SHEET 1 OF 2 SHEETS

Do Not Fill In
State Well No.
Other Well No.
Region

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

LSD Elev. 348

(1) **Driller:**
Name O.E.(Ed) Owens
Address 700 E. Harrison St.
Porterville
License No. ____ Classification ____

(2) **Proposed use or uses** *(check)*:
Domestic ☐ Municipal ☐
Irrigation ☐ Industrial ☐
Domestic and Irrigation ☑ Test well ☐
Other ____

(3) **Equipment used** *(check)*:
Rotary ☐
Cable ☑
Dug well ☐
Other ____

Owner:
Name Homer Smartt
Address Woodville

(4) **Type of work** *(check)*:
New well ☐ Reconditioning of well ☐
Deepening existing well ☑

ORIGINAL

(5) **Well log:**
Total depth of well 267 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface			
215 ft.	to 222 ft.	Sandy Clay – Brown
222 "	" 230 "	Sand & Gravel
230 "	" 240 "	Sandy Clay – Brown
240 "	" 253 "	Sand coarse
253 "	" 258 "	Sandy – Clay – Brown
258 "	" 262 "	Sand – Medium
262 "	" 267 "	Sandy Clay – Brown

CONFIDENTIAL

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) **Casing left in well:**

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
120'	10"	Single welded	12 Ga.	267
			.125	

Type and size of shoe or well ring ____ Welded joints ☑ Yes ☐ No

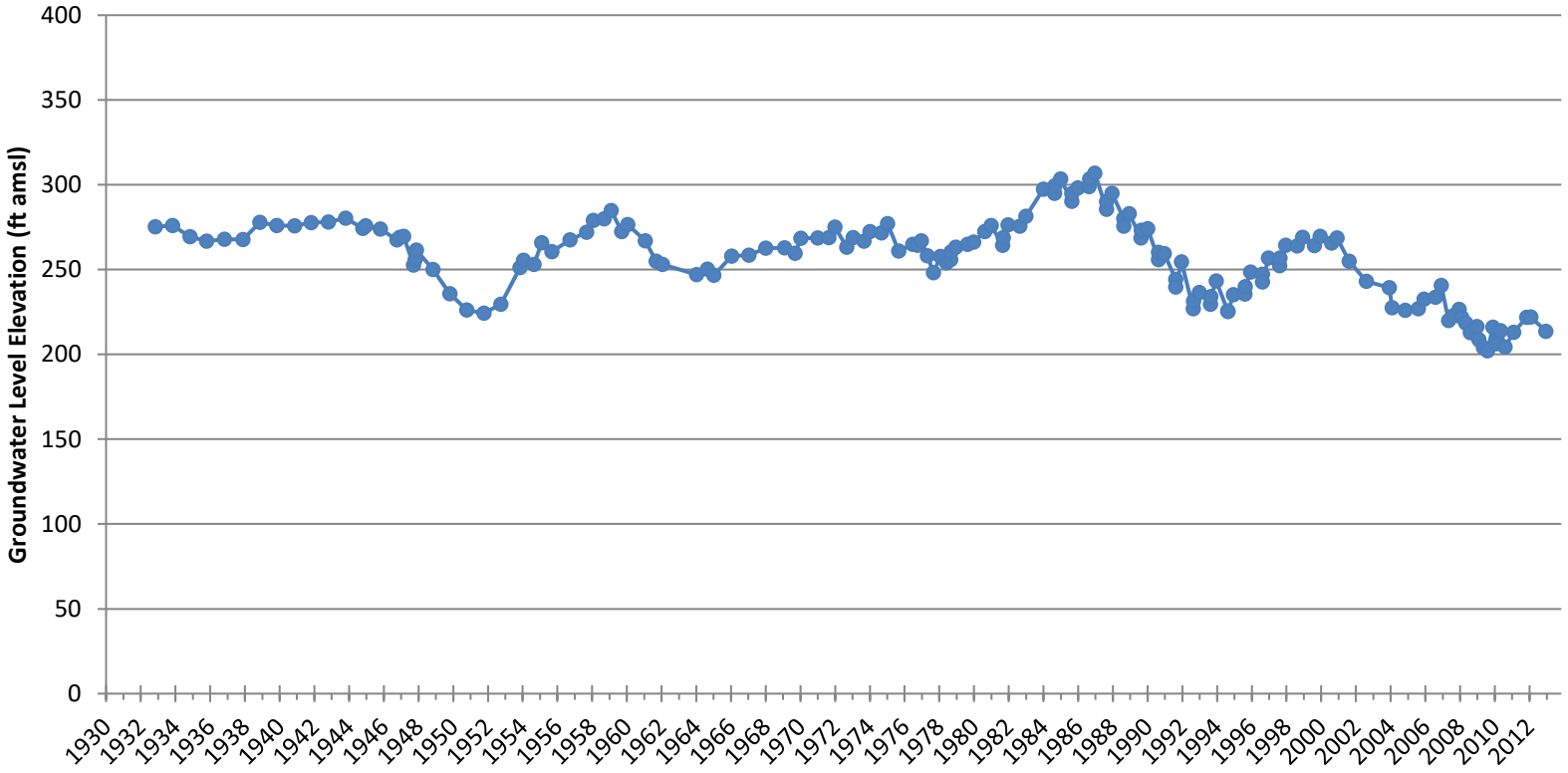
5100 feet north, 25 feet west of ____ corner of section 32, (USGS)

D.W.R. FORM NO. 246

23971 3-50 40M QUIN SPO

Groundwater Hydrographs - Shallow

21S/26E-32A01



22/24-9A1

U.S.DEPARTMENT OF THE INTERIOR - [illegible] OF RECLAMATION - REGION II
WELL [illegible]

22/24-9A1

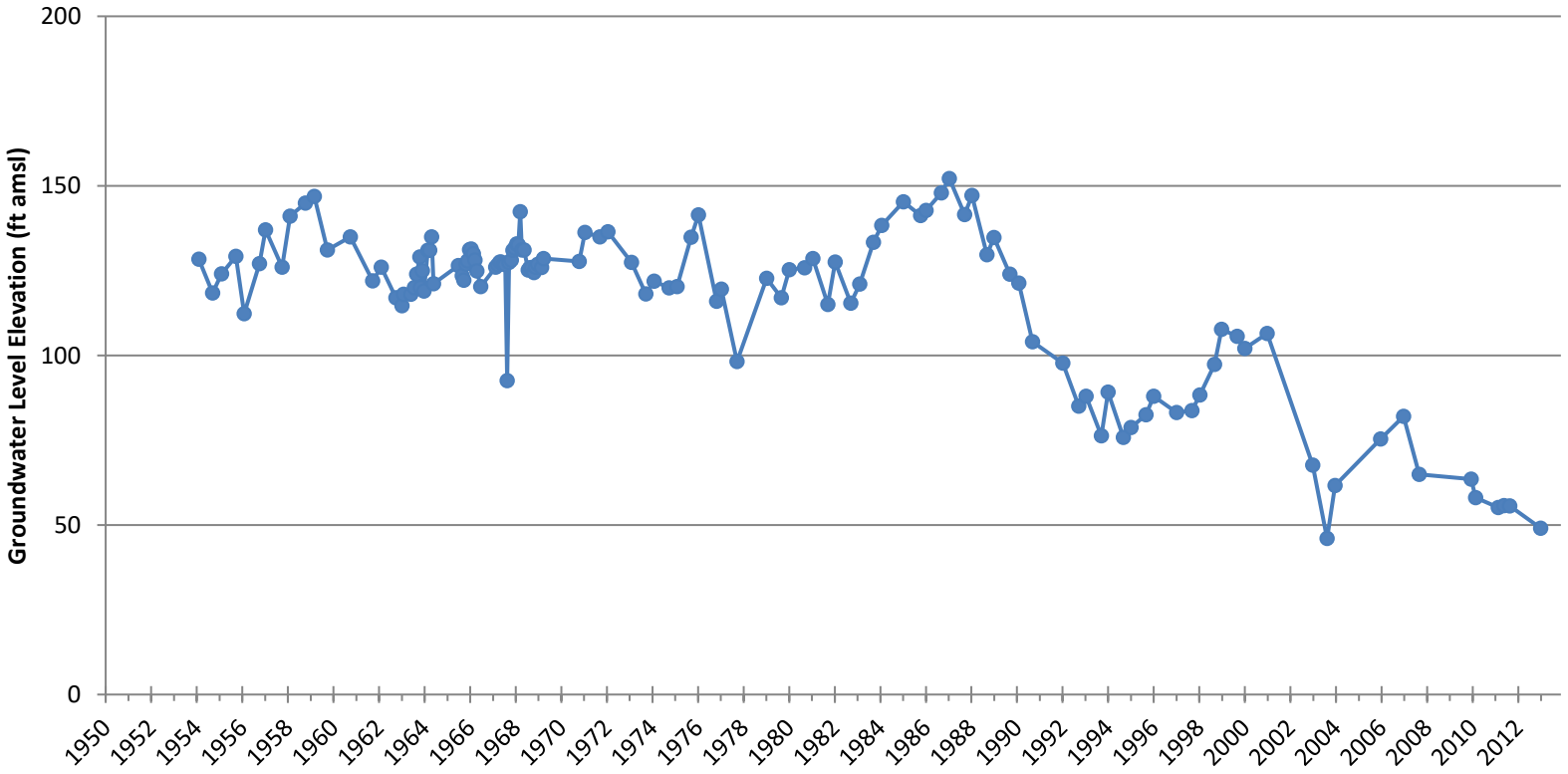
County	[illegible]	Owner	[illegible]	U.S.B.R. No.	[illegible]
Dist.		Use	[illegible]	Local No.	
Quad.	[illegible]	Driller	[illegible]	Date	[illegible]
Location	[illegible]				
Surf.Elev.	[illegible]	Groundwater Elev.		Date	
Depth	[illegible]	Groundwater Elev.		Date	
Yield		Aquifers			
Drawdown		Artesian Head		Date	
Casing	[illegible]	[illegible] Sand-Gravel			
Source of data	[illegible]	Type drill	[illegible]	Diam. hole	[illegible]

Depth	Elev.	Thick	Description
0	[illegible]	8	[illegible]
8	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible] clay
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible] 27/5	[illegible]
[illegible]	[illegible]	[illegible] 16	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible] clay
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible] 11	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible] clay
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

	50	100	200
G			
S	3	4	[illegible]
F			
[illegible]	26	17	[illegible]
[illegible]	18	25	[illegible]
	[illegible]	50	[illegible]

Groundwater Hydrographs - Shallow

22S/24E-09A01



LSD Elev 373 22/26 - 10J1

U.S.DEPARTMENT OF THE INTERIOR - BUREAU OF RECLAMATION - REGION II

WELL LOG

22/26-10J1

County Tulare | Owner Charley Soak | U.S.B.R. No. 22-26-10A
Dist. | Use Irrigation | Local No.
Quad. Woodville | Driller James Woods | Date March 15, 1947
Location 22-26-10 (0.98-0.41)

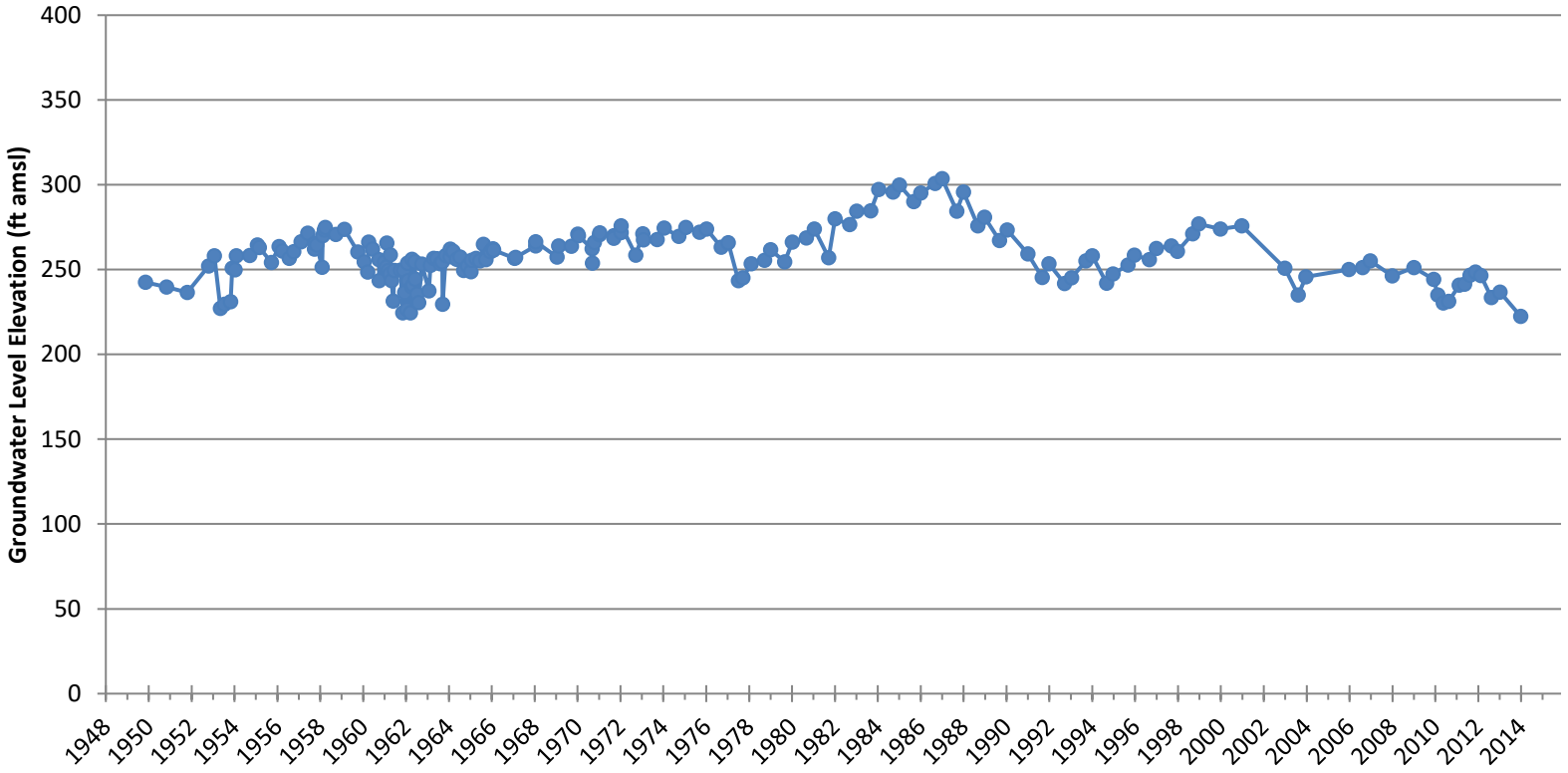
Surf.Elev. 373 | Groundwater Elev. 278 | Date March 15, 1947
Depth 351 | Groundwater Elev. | Date
Yield | Aquifers
Drawdown | Artesian head | Date
Casing 351'x14" perf. | % Sand-Gravel 187

Source of Data Anderson | Type drill Cable-Tools | Diam. hole 14"

Depth	Elev.	Thick	Description
0	373	8	(Top soil - Brown, soft, fine sandy loam, poor permeability)
8	365	62	(Sandy silt, light brown, hard sandy silt, relatively impermeable)
70	303	4	(Sand - brown, subrounded, fairly well sorted, loose, 0.50mm to 1.00mm in diameter, sand, predominently quartzose)
74	299	56	(Sandy silt, brown, hard sandy silt, poor permeability)
130	243	36	(Sand and cobbles, gray to brown, subrounded, 0.50mm to 1.00mm in diameter, loose, quartz sand and subroudned cobbles up to 2½" in diameter)
166	207	19	(Sandy clay, brown, very hard, sandy clay, relatively impermeable)
185	188	11	(Cobbles, subrounded, lose, cobbles up to 2" in diameter)
196	177	24	(Sandy clay, brown, hard, sandy clay, relatively impermeable)
220	153	108	Clay
328	45	7	Sand and gravel
335	38	10	Clay
345	28	6	Hard clay
351	22		Bottom

Groundwater Hydrographs - Shallow

22S/26E-10J01



In 207

R-6

R-6

R#6

ROY PULLIAM

WATER WELL DRILLING
ROUTE I BOX 744 SU 4 I593

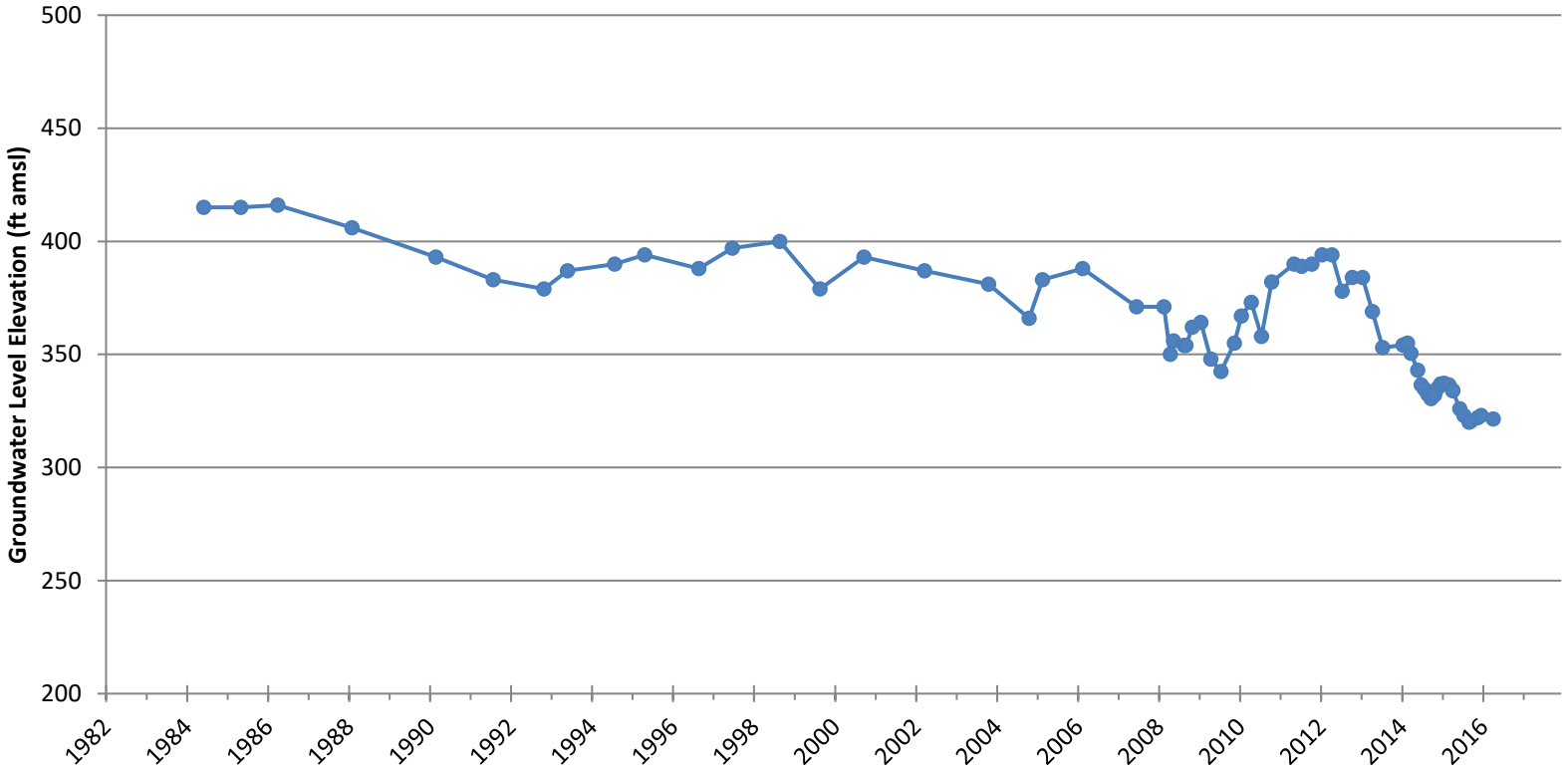
Log of IO in. Well

0 to 4I ft.	Sandy Clay
4I to 80 ft.	Water, Sand and Gravel
80 toI23 ft.	Sandy Clay
I23 toI35 ft.	Water, Sand and Gravel
I35 toI50 ft.	Clay

Cast to I44 ft.
6 ft. open hole
Perforated from 4I ft. to I44 ft.
Water Level 32 ft.

Groundwater Hydrographs - Shallow

R-6



STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do Not Fill In
No 67312

TRIPLICATE
Retain this copy

R#11

R-11

Other Well No. R-11

(1) OWNER:

Name ROWLAND WATER COMPANY
Address 1563 West Olive Ave
Porterville, California

(2) LOCATION OF WELL:

County Tulare — Owner's number, if any
Township, Range, and Section 5 miles west of Porterville
Distance from cities, roads, railroads, etc. on Olive, ¼ North on Cedar, on last st in back of Rowland Tract.

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Destroying ☐
If destruction, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☒
Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐
Cable ☒
Other ☐

(6) CASING INSTALLED:

STEEL: X OTHER:
SINGLE ☒ DOUBLE ☐

From ft.	To ft.	Diam.	Gage or Wall
0	84	14	10
0	212	10	10

If gravel packed

Diameter of Bore	From ft.	To ft.

Type shoe or well ring: 3/4x6x14 — Size of gravel: 3/4x4x10
Describe joint Plain End

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen None

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes ☒ No ☐ To what depth 84 ft.
Were any strata sealed against pollution? Yes ☒ No ☐ If yes, note depth of strata
31 ft. to 36 ft. Fine Sand
56 ft. to 79 ft. Cobbers & Sand
Method of sealing Grout

(9) WATER LEVELS:

Depth at which water was first found, if known 32 ft.
Standing level before perforating, if known 32 ft.
Standing level after perforating and developing 32 ft.

(10) WELL TESTS:

Was pump test made? Yes ☒ No ☐ If yes, by whom? By Owner
gal./min. with ft. drawdown after hrs.
Quality of water Was a chemical analysis made? Yes ☐ No ☒
Was electric log made of well? Yes ☐ No ☒ If yes, attach copy

(11) WELL LOG:

Total depth 216 ft. Depth of completed well 220 ft.
Formation: Describe by color, character, size of material, and structure

ft. to	ft.	
0	31	Sandy Loam
31	36	Fine Sand
36	43	Very soft Silt
43	48	Very Fine Sand
48	56	Very Soft Silt
56	65	Cobbers & Sand
65	70	Cobbers
70	79	Cobbers & Sand
79	101	Brown Clay
101	114	Fine Sand
114	120	Med Sand & Gravel
120	131	Coarse Sand & Cobbers
131	178	Brown Clay
178	180	Tight Dark Sand
180	216	Tough Brown Clay
216	220	Coarse Sand & Sm. Rocks

Well Log
Lot 40 Fr. 213

R#11

Work started 1/24 19 72 Completed 2/7 19 72

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME ROGER L. NATION
(Person, firm, or corporation) (Typed or printed)

Address 26521 South Mooney
Visalia, California

[SIGNED] Roger L. Nation
(Well Driller)

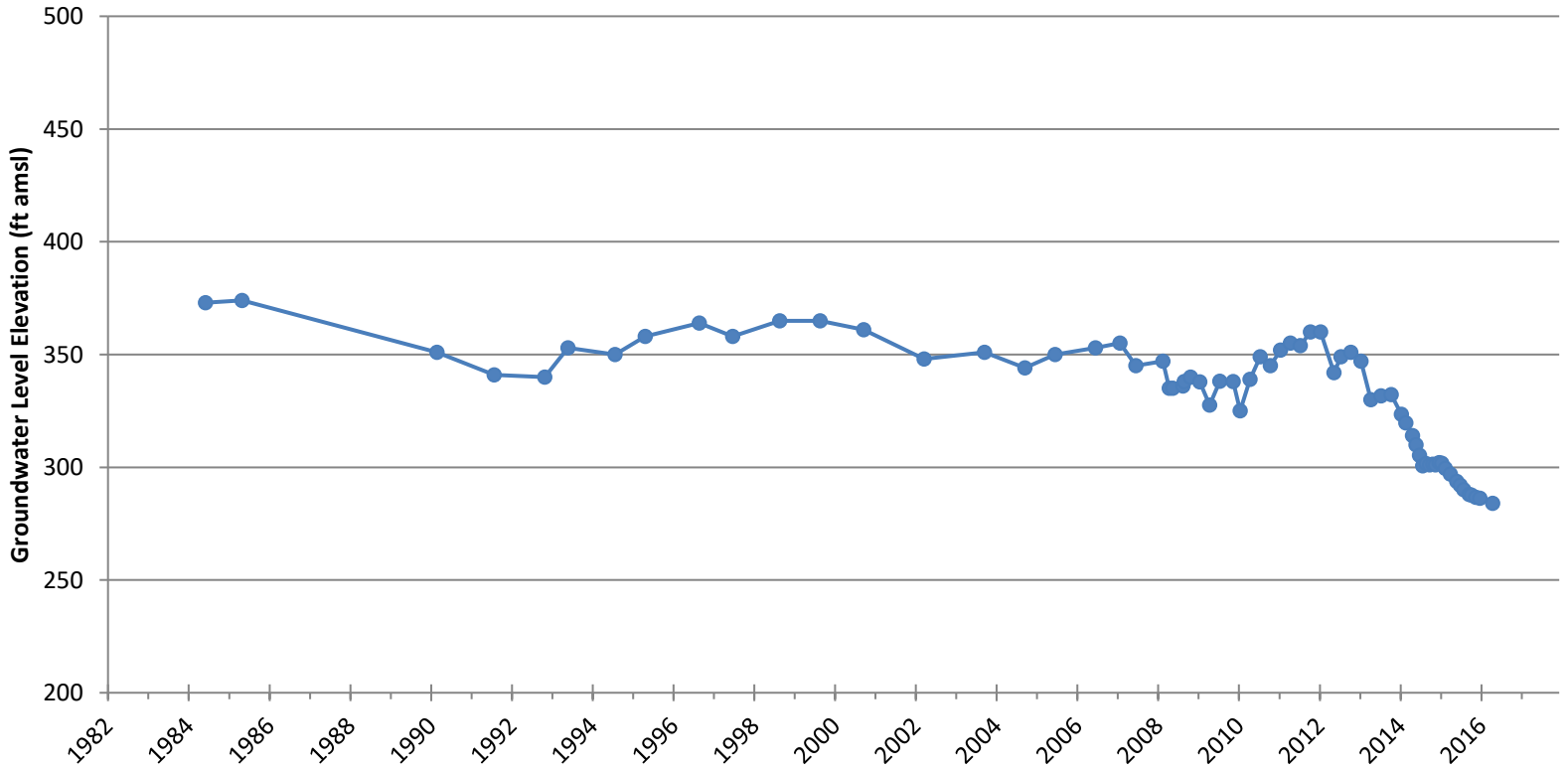
License No. 259884 Dated 2/9, 19 72

SKETCH LOCATION OF WELL ON REVERSE SIDE

85178-950 9-68 80M TRIP △D OSP

Groundwater Hydrographs - Shallow

R-11



DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

23/26-9C1

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

23/26-9C1 (GS)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

SHEET 1 of 4

Tulare

Do Not Fill In
State Well No.
Other Well No.
Region

LSD Elev. 440

(1) **Driller:**
Name L. R. Henderson
Address 675 Vandalia Ave
Porterville Calif
License No. 125434 Classification C 57

(2) **Proposed use or uses** *(check)*:
Domestic ☐ Municipal ☐
Irrigation ☒ Industrial ☐
Domestic and Irrigation ☐ Test well ☐
Other

(3) **Equipment used** *(check)*:
Rotary ☐
Cable ☒
Dug well ☐
Other

Owner:
Name Elmer Swisher
Address R.T. Box 216
Porterville Calif.

(4) **Type of work** *(check)*:
New well ☒ Reconditioning of well ☐
Deepening existing well ☐

ORIGINAL COPY FILE

(5) **Well log:**
Total depth of well 440 ft.

Give details of formations penetrated, such as silt, peat, muck, sand, gravel, clay, shale, sandstone, hardpan, rock. Include size of gravel (diameter) and sand (fine, medium, coarse), color of material, structure (loose, packed, cemented, soft, hard, brittle).

Depth From Ground Surface			
0	ft. to	45	ft.	silt & clay
45	" "	56	"	sand
56	" "	115	"	clay
115	" "	125	"	sand
125	" "	145	"	clay
145	" "	165	"	sand
165	" "	205	"	clay
205	" "	215	"	sand
215	" "	225	"	clay
225	" "	245	"	sand
245	" "	260	"	clay
260	" "	275	"	sand
275	" "	300	"	clay
300	" "	330	"	sand
330	" "	360	"	clay
360	" "	380	"	sand
380	" "	440	"	clay

If additional space is required, continue on DWR Form No. 246—Supplement, and attach to respective report copies.

(6) **Casing left in well:**

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
400	14	dubled	12 gage	
			105	

Type and size of shoe or well ring 14" Welded joints—☒ Yes ☐ No

5150 feet north, 7250 feet west of SE Corner of section 9, (USGS)

DUPLICATE
File Original, Duplicate and Triplicate with the
DIVISION OF WATER RESOURCES
P. O. BOX 1079
SACRAMENTO 5, CALIFORNIA

23/26-9C1

SHEET 2 OF

Tulare

Do Not Fill In
State Well No.
Other Well No.
Region

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

(7) **Perforations:**
Type of perforator used Mills Perforator.
Perforated 200 ft. to 390 ft. Hole size ____ No. of holes ____
" " " " " " " " " " " " " "
" " " " " " " " " " " " " "
" " " " " " " " " " " " " "
" " " " " " " " " " " " " "
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" " " " " " " " " " " " " "
" " " " " " " " " " " " " "
" " " " " " " " " " " " " "

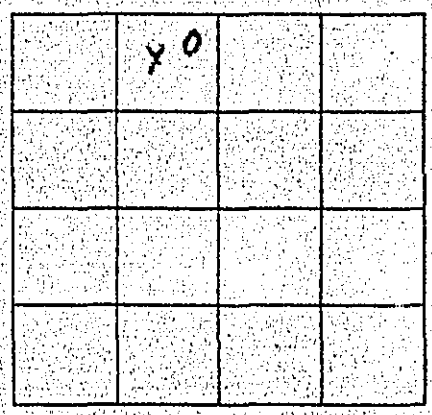
(8) **Water levels:**
Depth at which water first encountered 190 ft.
Depth to water before perforating ____ ft.
Depth to water after perforating ____ ft.
Note any change in water level while drilling

(9) **Well pumping test:**
Date of test ____ By whom ____
Depth to water when test started ____ ft.
G.P.M. at beginning of test ____
Drawdown from standing level ____ ft.
G.P.M. at completion of test ____
Drawdown at completion of test ____ ft.
Length of time tested ____
Temperature of water ____
Was gas present in water? ☐ Yes ☐ No

(10) **General:**
Was well gravel packed? No Size of rock ____ Thickness of pack ____
Was a surface sanitary seal provided? ____
Were any strata sealed against pollution? ☐ Yes ☒ No If yes, attach detailed description.
Strata sealed ____
Was analysis made of water? ☐ Yes ☒ No If yes, attach copy.
Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.
If well abandoned, was it plugged and sealed? ____
Method of plugging and sealing ____

(11) **Location:**

North



1 MILE

Section No. 9
Township 23 - South
Range 26 - East
Base & Meridian M. D.
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 100 ft.
and E or W 2000 ft.
Show location of nearest known well, thus (O)
Distance to nearest known well 800 ft.

(12) **Time of work:**
Work started date Feb 12 Completed date March 12 52
Date of this report March 24 52

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

[SIGNED] L. R. Henderson
Well Driller
By Mrs L. R. Henderson
License No. 12534 Classification C 57
Dated March 24, 1952

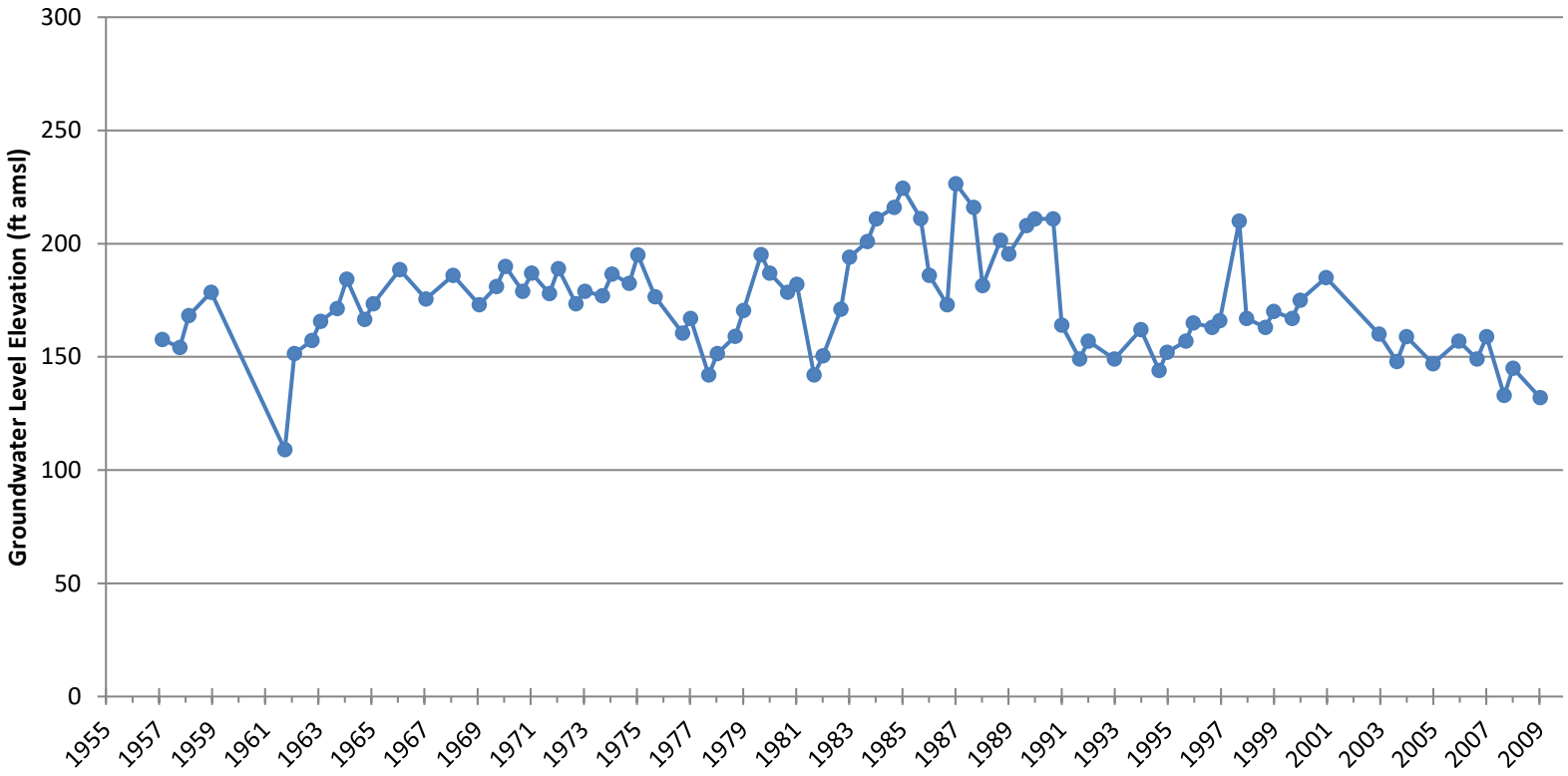
CONFIDENTIAL

D.W.R. FORM NO. 246

33872 3-50 QUIN SFO

Groundwater Hydrographs - Shallow

23S/26E-09C01



23/26-12J1 PEG 23/26-12J1

LSD Elev. 419

Local Form No. 483

U.S. DEPARTMENT OF THE INTERIOR - BUREAU OF RECLAMATION - REGION II

WELL LOG

County Tulare Owner Harry Hood U.S.B.R. No. 23-26-12
Dist. Use Dom. Local No.
Quad. Dinuba Driller Shephard Date March 1950
Location 23-26-12 (e2 ne4)

Surf.Elev. 420 Groundwater Elev. Date
Depth 270 Groundwater Elev. Date
Yield Aquifers
Drawdown Artesian head Date
Casing 23"-270' perfs % Sand-Gravel

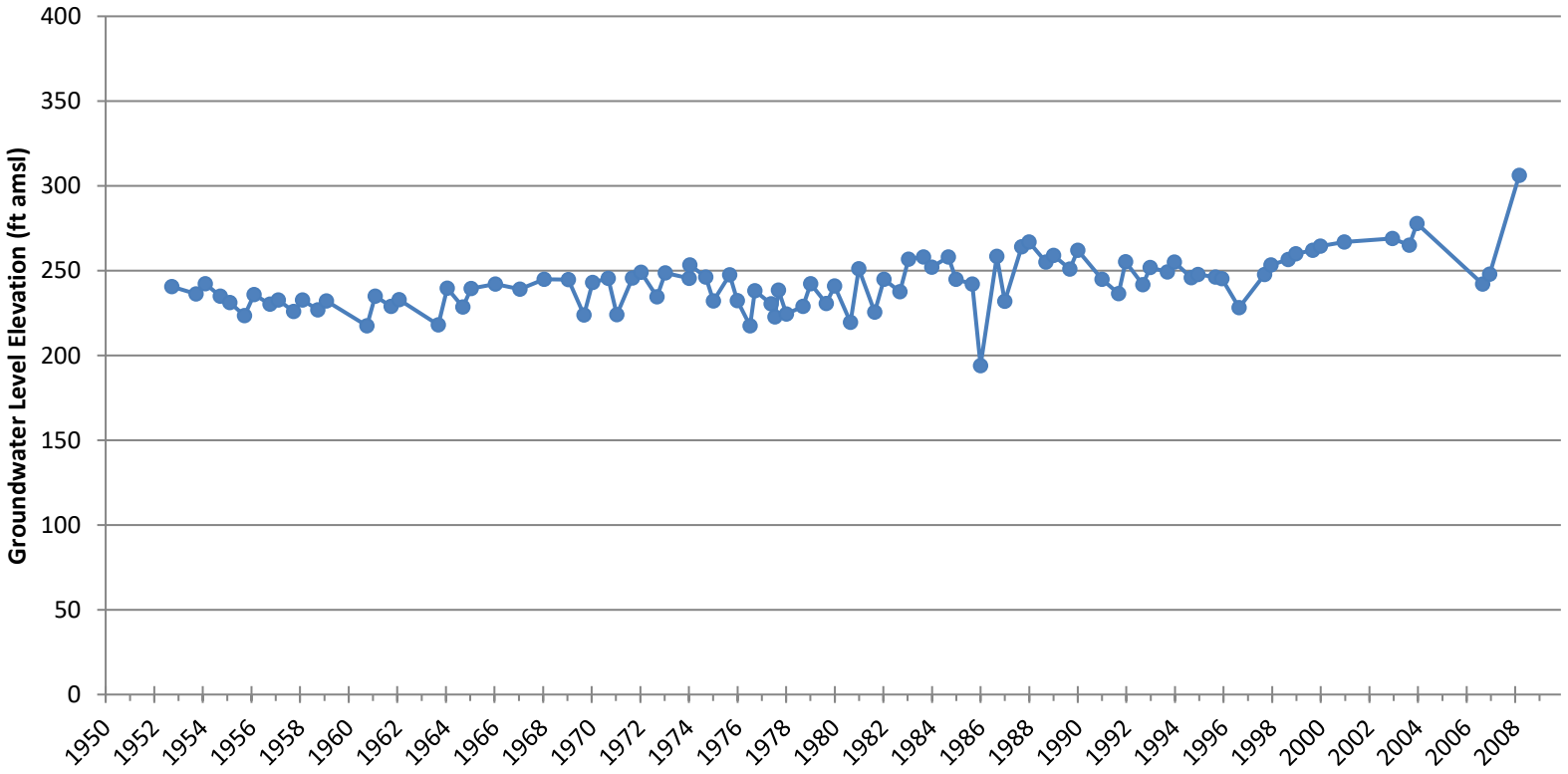
Source of data driller Type drill cable-tool Diam. hole 10"

Depth	Elev.	Thick	Description		
0	+420	130	valley shale	10/50/30	C
130	+290	5	light clay	5	C
135	+285	30	sandy shale	30	G
165	+255	2	sand, some water	2	F
167	+253	28	sandy shale	28	G
195	+225	10	light clay	5/5	C
205	+215	58	sticky clay		
263	+157	4	sand, water bearing		
267	+153	13	sandy shale, gray		
280	+140		bottom of well		

	50	100	200
0			
50			
100			2
150			5.5
200	40	50	40
	40	50	100

Groundwater Hydrographs - Shallow

23S/26E-12J01



ASD Elev. [illegible]

22/24-23 J1

U.S. DEPARTMENT OF THE INTERIOR - BUREAU OF RECLAMATION - REGION II

WELL LOG

22/24-23J1

County Tulare | Owner Ben Coleman | U.S.B.R. No. 22-24-23J1

Dist. | Use | Local No.

Quad. Visalia | Driller | Date 7-[illegible]-46

Location [illegible]

Surf.Elev. 337? | Groundwater Elev. [illegible] | Date 7/[illegible]/46

Depth 400 | Groundwater Elev. | Date

Yield | Aquifers [illegible] | Date

Drawdown | Artesian head | Date

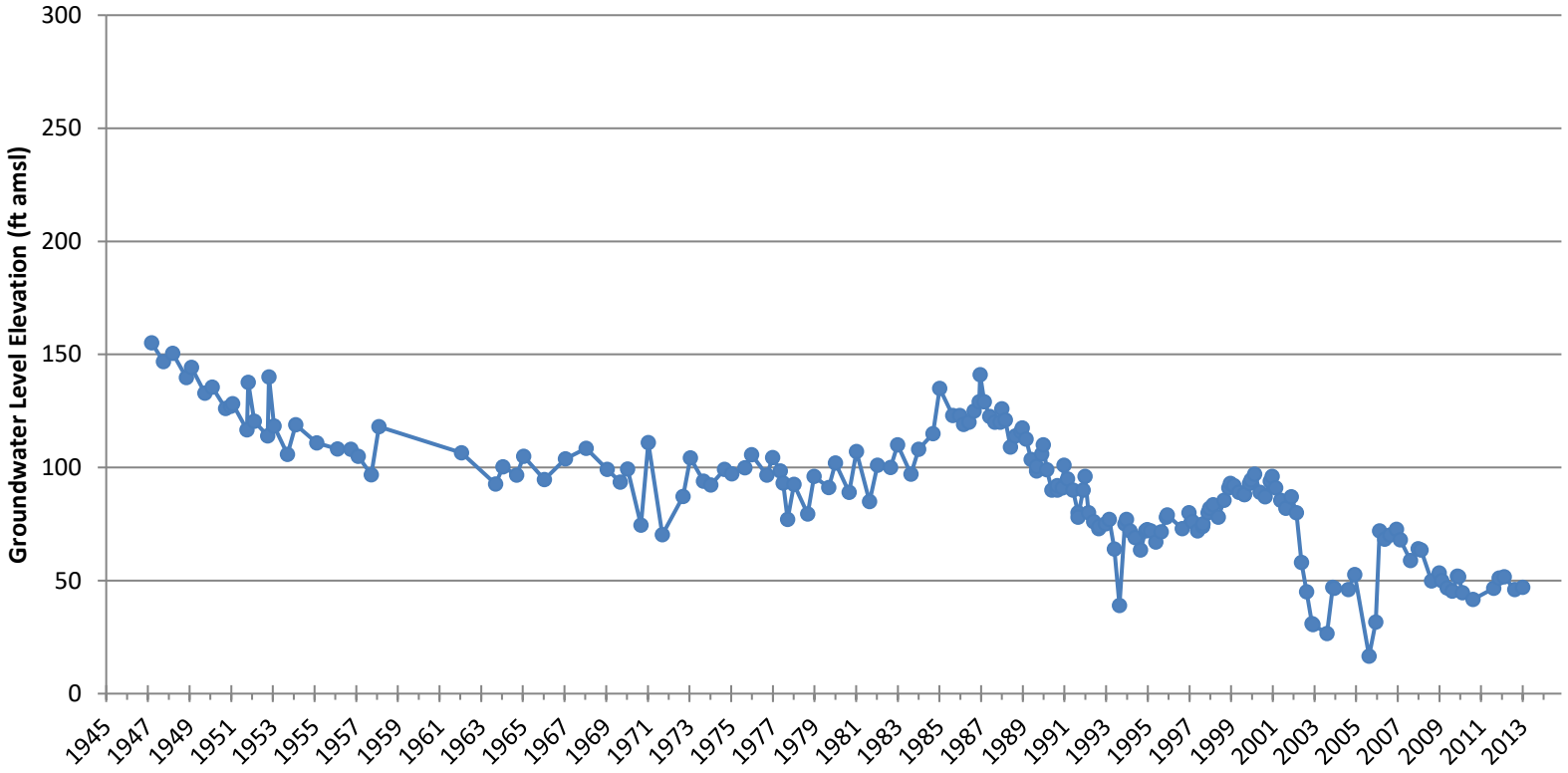
Casing | Sand-Gravel

Source of data Driller | Type drill [illegible] | Diam. hole 10"

Depth	Elev.	Thick	Description
0	+337	F2	Top soil (Sandy silts, slightly clay [illegible])
2	+335	4 1/2 F 61	[illegible]
63	+274	2 C 2	[illegible]
65	+272	F 18	[illegible]
83	+254	C 7	[illegible]
90	+247	F 6	[illegible]
96	+241	1/2 C 23	[illegible]
117	+220	C 9	[illegible]
126	+211	C 9	[illegible]
135	+202	F 5	[illegible]
140	+197	C 26	[illegible]
166	+171	C 4	[illegible]
170	+167	C 7	[illegible]
177	+160	F 5	[illegible]
214	+123	C 19	[illegible]
233			
235			
239			
247			
249			
252			
270			
280			
400			

Groundwater Hydrographs - Shallow

22S/24E-23J01



LSD Elev. 315 22/25-25

U.S.DEPARTMENT OF THE INTERIOR - BUREAU OF RECLAMATION - REGION II
WELL LOG

County Tulare Owner Gordon Bros/ U.S.B.R. No. 22-25-25
Dist. Use Irrigation Local No.
Quad. Squaw Lick School Driller [illegible] & Graham Date March 25, 1937
Location 22-25-25 (0.25 - 0.07)

Surf.Elev. 315 Groundwater Elev. Date
Depth 137 Groundwater Elev. Date
Yield Aquifers
Drawdown Artesian Head Date
Casing % Sand-Gravel

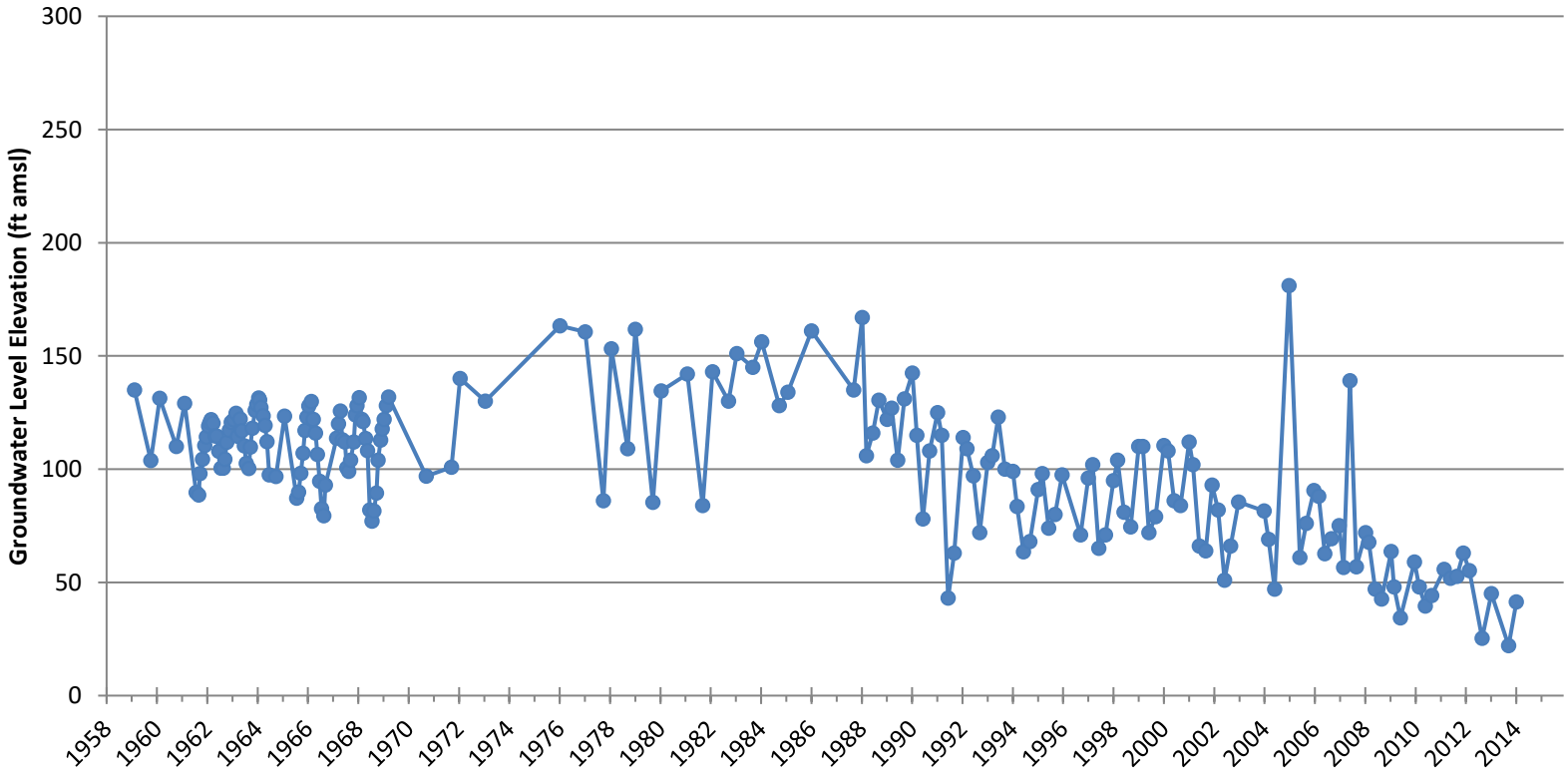
Source of data Anderson Type drill Cable-Tools Diam. hole 12"

Depth	Elev.	Thick	Description
0	315	4 Cy	11 (Sandy loam - light brown, fine grained very sandy loam, relatively permeable)
11	301	6 G	6 (Sand and gravel - light brown, poorly sorted, subrounded, 0.25 mm to 1.00 mm in diameter, loose quartz sand and subrounded quartz gravel up to 2.5 mm)
20	295	20/6 Cy	36 (Sand, gravel and silt, brown, subrounded, 0.75 mm to 1.00 mm in diameter, quartz sand, subrounded gravel up to 3.0 mm, and some silt)
56	259	44/20 Cy	64 (Same as above)
120	195	4 Cy	11 [illegible] clay
131	184	36 Cy	25 [illegible] loam - [illegible] brown hard, sandy loam, relatively impermeable
160	155	40 Cy	70 (Sandy loam, brown, soft, sandy loam, very permeable)
230	85		15 [illegible] clay, brown, hard, sandy clay, relatively impermeable)
245	70		3 (Silt - brown, very soft, silty relatively impermeable)
248	67		255 (Sandy loam - brown, compact, very sandy loam, relatively impermeable)
503	-203		4 [illegible] - brown, subangular, 0.50 mm to 3.00 mm, and pebbly [illegible] brown, compact [illegible] clay)
507	-207		9 (Sand - brown, subangular to subrounded, 0.50 mm to 3.00 mm in [illegible] brown, compact sand)
511	-211		25 [illegible] clay - brown, hard, sandy clay, relatively impermeable)
537	-237		(Sand - brown, subangular to subrounded, 0.50 mm to 3.00 mm in [illegible] brown, compact sand) Bottom of well.

50	100	200
34	50	100
40	50	100

Groundwater Hydrographs - Shallow

22S/25E-25N01



23/24-16R1

USBR TEST WELL
23/24-16R1

-008
(December 1949)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

No. 23-24-16B

Other Nos.

Depth 1400'

WELL LOG

elev 224'

State _____ County TULARE Subarea _____

Owner USBR

Location 99-.01

Drilled by USBR Address _____

Date 10/51 Casing diam. _____ Land-surf. alt. 224'

Core data 40-50, 90-98, 140-150, 190-200, 240-250, 290-300, 340-350, 390-400, 450-600,
Source of data 640-700, 790-800, 890-900, 990-994, 1090-1100, 1190-1203, 1270-1280, 1390-1400

(Enter type of well, perforations, yield, and drawdown at end of log)

Correlation	Material	Thickness (feet)	Depth (feet)
	No core		0
	Sand	10	40
	Sandy Clay	35	50
	Sand	10	85
	Sandy Clay	48	95
	Clay	7	143
	Sandy Clay	~~80~~ 70	150
	Sand	90	290
	Sandy Clay	15	240
	Sand	7	255
	Sandy Clay	58	262
	Clay	23	320
	Sand	5	343
	Clay	5	348
	Sandy Clay	22	353
	Clay	10	375
	Sandy Clay	5	385

Record by Goldman Date 7/20/53 Sheet 1 of 5

U. S. GOVERNMENT PRINTING OFFICE 16—61587-1

23/24-16R1

D-Q-S
(December 1049)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

USBR Test Well

No. 23-24-16 & R1

OTHER NOS. .....

WELL LOG

State ..... County ..... Subarea .....

Owner .....

Location .....

.....

Drilled by ..... Address .....

Date ..... Casing diam. ..... Land-surf. alt. .....

Source of data .....

(Enter type of well, perforations, yield, and drawdown at end of log)

CORRELATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
	Sand	80	390
	Clay	5	470
	Sandy Clay	15	475
'Corcoran Clay' ± 501' - 553'	Clay	70	490
	Sand	7	560
	Sandy Clay	13	567
	Sand	5	580
	Sandy Clay	30	585
	Sand	7	615
	Sandy Clay	33	622
	Sand	5	655
	Sandy Clay	5	660
	Sand	10	665
	Sandy Clay	40	675
	Sand	17	715
	Sandy Clay	7	732
	Sand	6	739

RECORD BY ..... DATE .....

SHEET 2 OF 5

U. S. GOVERNMENT PRINTING OFFICE 16—61587-1

23/24-16R1

USBR TEST WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

No. 23-24-16B R1

OTHER NOS. _____

WELL LOG

State _____ County _____ Subarea _____

Owner _____

Location _____

_____

Drilled by _____ Address _____

Date _____ Casing diam. _____ Land-surf. alt. _____

Source of data _____

(Enter type of well, perforations, yield, and drawdown at end of log)

CORRELATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
	Sandy Clay	30	745
	Sand	7	775
	Sandy Clay	8	782
	Sand	11	790
	Sandy Clay	6	801
	Sand	5	807
	Sandy Clay	18	812
	Sand	10	830
	Sandy Clay	10	840
	Sand	4	850
	Sandy Clay	6	854
	Sand	10	860
	Sandy Clay	10	870
	Sand	8	880
	Sandy Clay	12	888
	Sand	5	900
	Sandy Clay	20	905

RECORD BY _____ DATE _____ SHEET 3 OF 5

U. S. GOVERNMENT PRINTING OFFICE 16—61587-1

23/24-16R1

USBR Test Well

(Rev. 1960)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

No. 23-24-16 & R1

Other Nos. _____

WELL LOG

State _____ County _____ Subarea _____

Owner _____

Location _____

_____

Drilled by _____ Address _____

Date _____ Casing diam. _____ Land-surf. alt. _____

Source of data _____

(Enter type of well, perforations, yield, and drawdown at end of log)

Correlation	Material	Thickness (feet)	Depth (feet)
	Sand	5	925
	Sandy Clay	5	930
	Sand	4	935
	Sandy Clay	26	939
	Sand	8	965
	Sandy Clay	42	973
	Sand	40	1015
	Clay	5	1055
	Sandy Clay	30	1060
	Sand	10	1090
	Sandy Clay	10	1100
	Sand	25	1110
	Sandy Clay	15	1135
	Sand	35	1150
	Clay	8	1185
	Sand	#7	1193
	Clay	3	1200

Record by _____ Date _____ Sheet 4 of 5

U. S. GOVERNMENT PRINTING OFFICE 16—61887-1

23/24-16R1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

USBR TEST WELL

No. 23-24-16 BR 1

Other Nos. _____

WELL LOG

State _____ County _____ Subarea _____

Owner _____

Location _____

_____

Drilled by _____ Address _____

Date _____ Casing diam. _____ Land-surf. alt. _____

Source of data _____

(Enter type of well, perforations, yield, and drawdown at end of log)

Correlation	Material	Thickness (feet)	Depth (feet)
	Sandy Clay	17	1203
	Sand	10	1220
	Sandy Clay	12	1230
	Sand	6	1242
	Sandy Clay	7	1248
	Sand	3	1255
	Sandy Clay	7	1258
	Sand	25	1265
	Sandy Clay	3	1290
	Sand	7	1293
	Sandy Clay	7	1300
	Sand	11	1307
	Sandy Clay	3	1318
	Sand	41	1321
	Sandy Clay	15	~~1400~~ 1362
	Sand	23	1377
	B. H.		1400

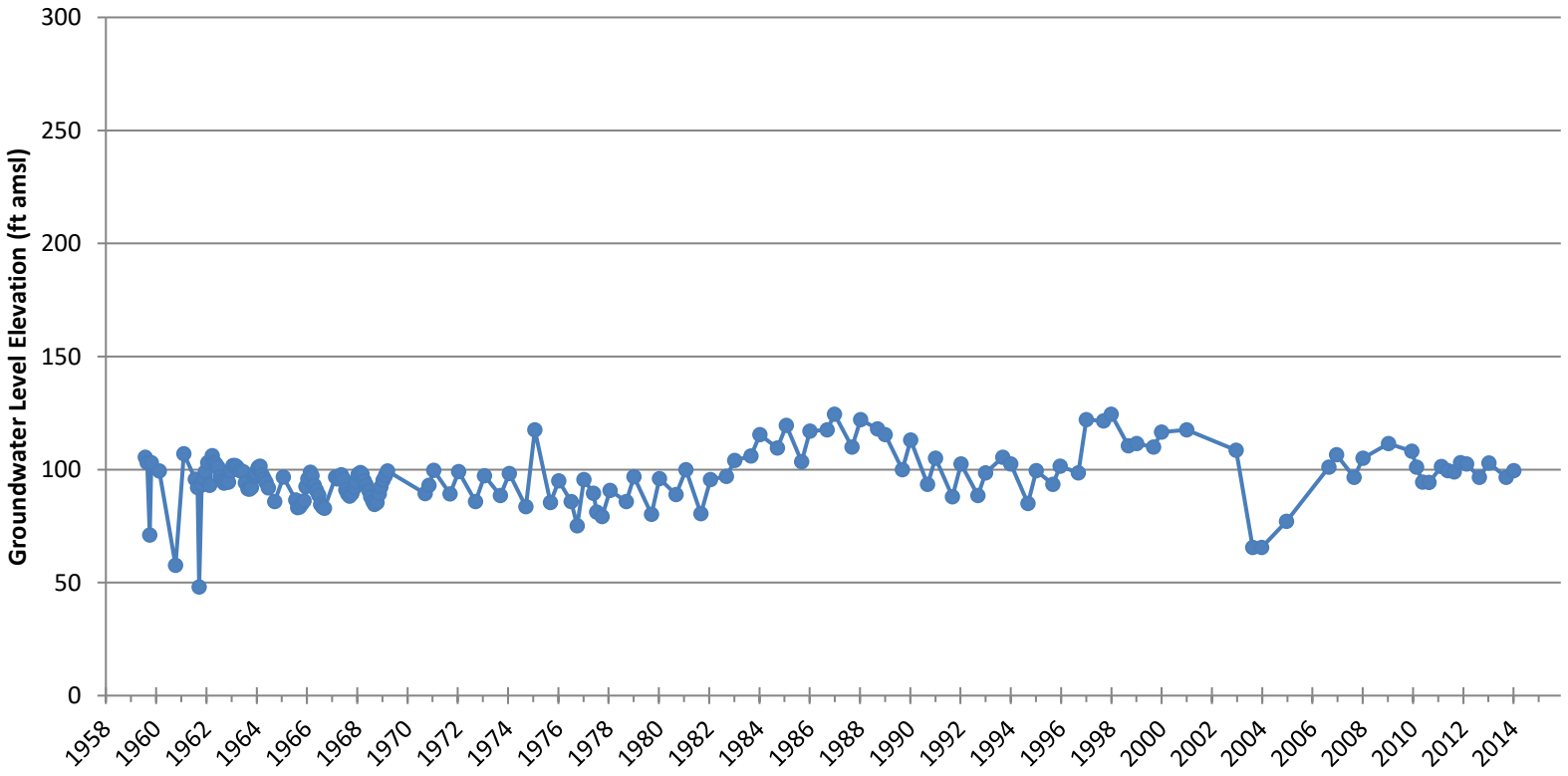
Record by _____ Date _____

Sheet 5 of 5

U. S. GOVERNMENT PRINTING OFFICE 16—61687-1

Groundwater Hydrographs - Shallow

23S/24E-16R01



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Page 1 of 1

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. EO117919

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. MW-6
Date Work Began 9/24/2010, Ended 9/24/2010
Local Permit Agency ENVIRO HEALTH, TULARE
Permit No. 10-0338 Permit Date 8/30/2010

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD ROTARY FLUID WATER

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
0	20	TOP SOIL, MEDIUMFINE/COARSE SANDS
20	40	MEDIUM/FINE/COARSE SANDS
40	80	EDIUM/FINE/COARSE SANDS WITH SOME CLAY
80	120	MEDIUM/FINE/COARSE SANDS WITH MORE CLAY
120	140	MEDIUM/FINE/COARSE SANDS, WITH SOME CLAY
140	160	MEDIUM/FINE/COARSE SANDS WITH SOME CLAY
160	200	MEDIUM/FINE/COARSE SANDS
200	300	MEDIUM/FINE/COARSE SANDS WITH SOME CLAY
300	340	MEDIUM/FINE/COARSE SANDS, SOME CLAY SOME D.G.
340	420	MEDIUM/FINE/COARSE SANDS WITH SOME CLAY
420	560	CLAY WITH SOME SANDS
560	620	CLAY WITH MORE SANDS MEDIUM/FINE
620	680	CLAY WITH SOME MEDIUM/FINE SANDS
680	720	MOSTLEY CLAY
720	740	CLAY WITH SOME MEDIUM/FINE SANDS
740	760	MEDIUM/FINE/COARSE SANDS WITH SOME CLAY AND SHALE
760	810	MEDIUM/FINE/COARSE SANDSWITH CLAY

TOTAL DEPTH OF BORING 810 (Feet)
TOTAL DEPTH OF COMPLETED WELL 805 (Feet)

WELL OWNER

Name SURINDERPAL GILL
Mailing Address 16964 AVENUE 32
DELANO CA 93215
CITY STATE ZIP

WELL LOCATION

Address 1/2 MI N AVE. 26 & 1/2 MI E. ROAD 16
City DELANO CA 93215
County TULARE
APN Book 3381 Page 003 Parcel 24
Township 24 Range 26 Section 17
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ✓
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE AIR LIFT
TEST LENGTH 4 (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
#1										
0	200	16"	✓				PVC	4"	SCH 40	
200	350	16"		✓			PVC	4"	SCH 40	.030
#2										
0	705	12 1/4"	✓				PVC	4"	SCH 40	
705	805	12 1/4"		✓			PVC	4"	SCH 40	.030

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	130	✓			
360	370		✓		
464	474		✓		
590	600		✓		
630	640		✓		
660	670		✓		

ATTACHMENTS (✓)
___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

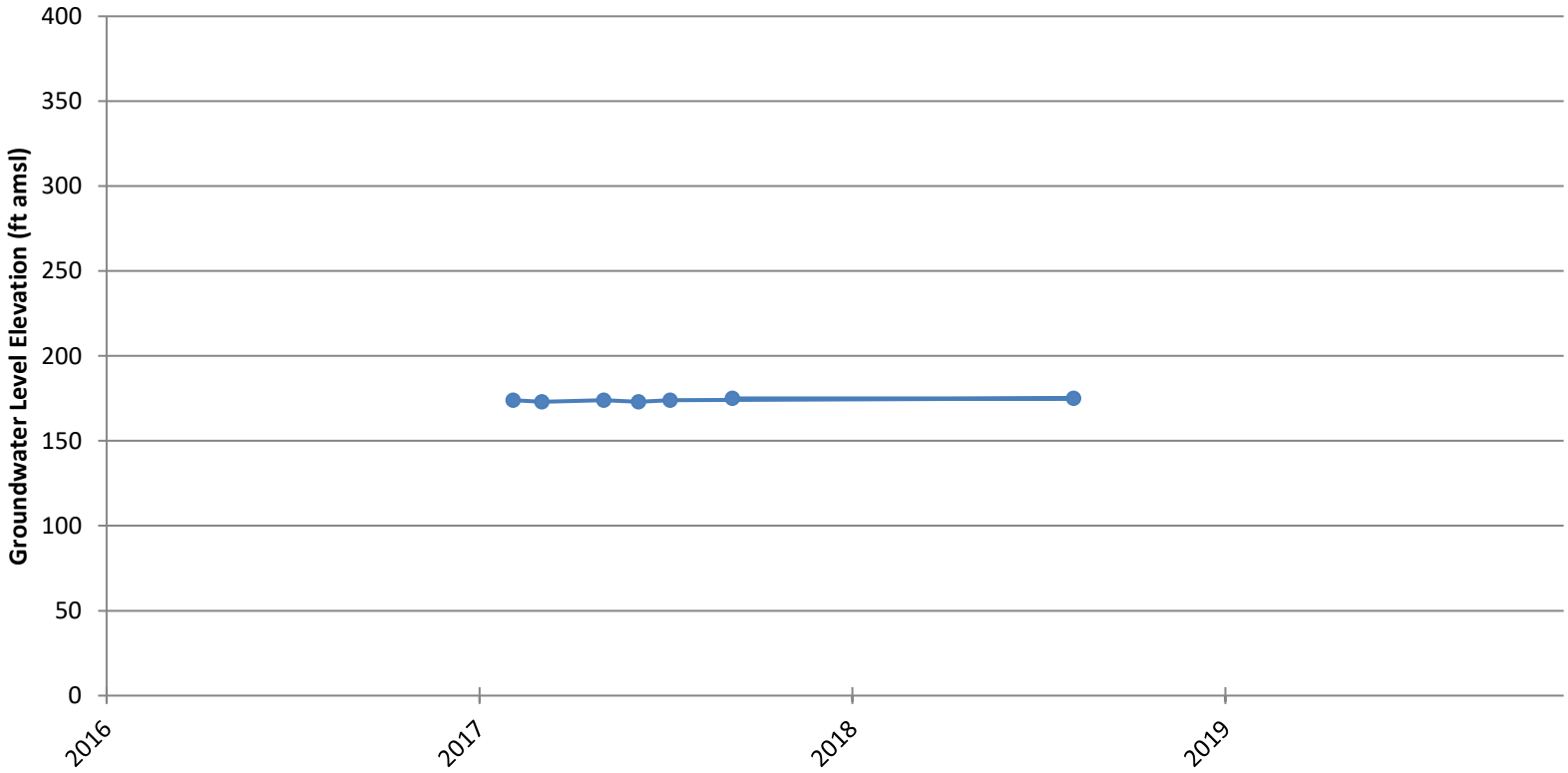
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME BRADLEY & SONS
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
3625 S. HIGHLAND ADDRESS, DEL REY CITY, CA STATE, 93616 ZIP
Signed Donna Bodie WELL DRILLER/AUTHORIZED REPRESENTATIVE
10/06/10 DATE SIGNED
414178 C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

Groundwater Hydrographs - Shallow

M-19 (Formerly MW-6)



24/26-32G1

24/26-32G1

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF RECLAMATION
WELL LOG

Sierra Vista Ranch

County Tulare | Owner | U.S.B.R. No. 24-26-32 E
Dist. Delano-Earlimart | Use | Local No. 4A-1
Quad. Delano | Driller H. B. Bainbridge | Date 4-11-47
Location Center of NW Quarter of Section 32.

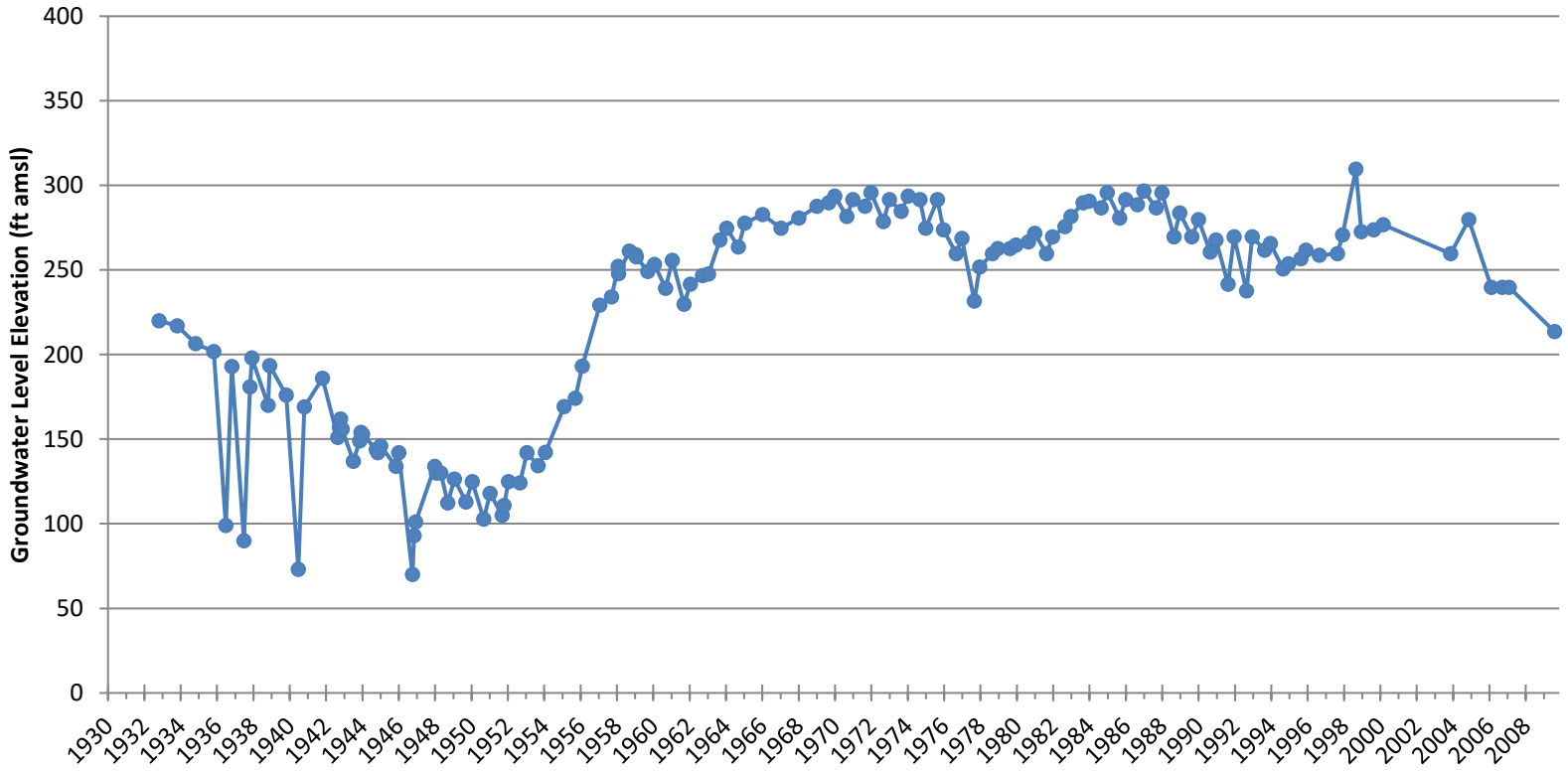
Surf. Elev. 693 | Groundwater elev. | Date
Depth 470 | Groundwater elev. | Date
Yield | Aquifers
Drawdown | Artesian head | Date
Casing | % Sand-gravel

Source of data | Type drill cable tool | Diam. hole 16"

Depth	Elev.	Thick.	Description
0	693	135	top soil and (sand mud clay)
135	758	5	water sand
140	753	35	clay
175	718	16	good water sand
91	702	17	clay
208	685	9	water sand
217	676	31	clay
248	645	12	water sand
260	633	49	clay
[illegible]	584	7	water sand
316	577	20	clay and silt
336	557	12	lime stone
348	545	8	water sand
356	537	22	clay
378	515	7	water sand
385	508	85	clay and sand
470	423		bottom of hol

Groundwater Hydrographs - Shallow

24S/26E-32G01



ORIGINAL
File with DWR

22/23-30

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 396637

Page ___ of ___
Owner's Well No. Angiola #1
Date Work Began 3-25-92, Ended 3-25-92
Local Permit Agency Tulare
Permit No. 63779 Permit Date 3-23-92

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION - *Describe material, grain size, color, etc.*
0	5	Top Soil
5	24	clay
24	26	sand
26	44	clay
44	49	sand
49	86	clay
86	104	sand
104	140	clay
140	144	sand
144	186	clay
186	192	sand
192	200	clay
200	208	sand
208	218	clay
218	224	sand
224	280	clay
280	284	sand
284	288	clay
288	309	sand
309	315	clay
315	330	sand
330	334	clay
334	339	sand
339	344	clay
344	351	sand
351	354	clay
354	373	sand
373	377	clay
377	419	sand
419	433	clay
433	437	sand
437	439	clay
439	444	sand
444	450	clay

UNCONFINED

TOTAL DEPTH OF BORING 460 (Feet)
TOTAL DEPTH OF COMPLETED WELL 450 (Feet)

WELL OWNER

Name Sunny Quillin
Mailing Address 12667 Rd. 96
Tipton, CA 93272
CITY STATE ZIP

WELL LOCATION

Address ½ mi S. of Ave. 112 & 50 ft. W. of Rd 24
City Corcoran
County Tulare
APN Book Echoe Page 78 Parcel 291-130-01
or
Township 22S Range 23E Section 30
or
Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (*Describe Procedures and Materials Under "GEOLOGIC LOG"*)

PLANNED USE(S) (✓)

___ MONITORING
WATER SUPPLY
___ Domestic
___ Public
X Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD Reverse FLUID Natural

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	240	30	X				steel	15.5	1/4	
240	450	30		X			louver	15.5	1/4	.070

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	20	X			
20	450				5/16x4

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Grabow Well Drilling, Inc.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

12522 9th Ave. Hanford, CA 93230
ADDRESS CITY STATE ZIP

Signed Dean E Grabow
WELL DRILLER/AUTHORIZED REPRESENTATIVE

3-29-92
DATE SIGNED

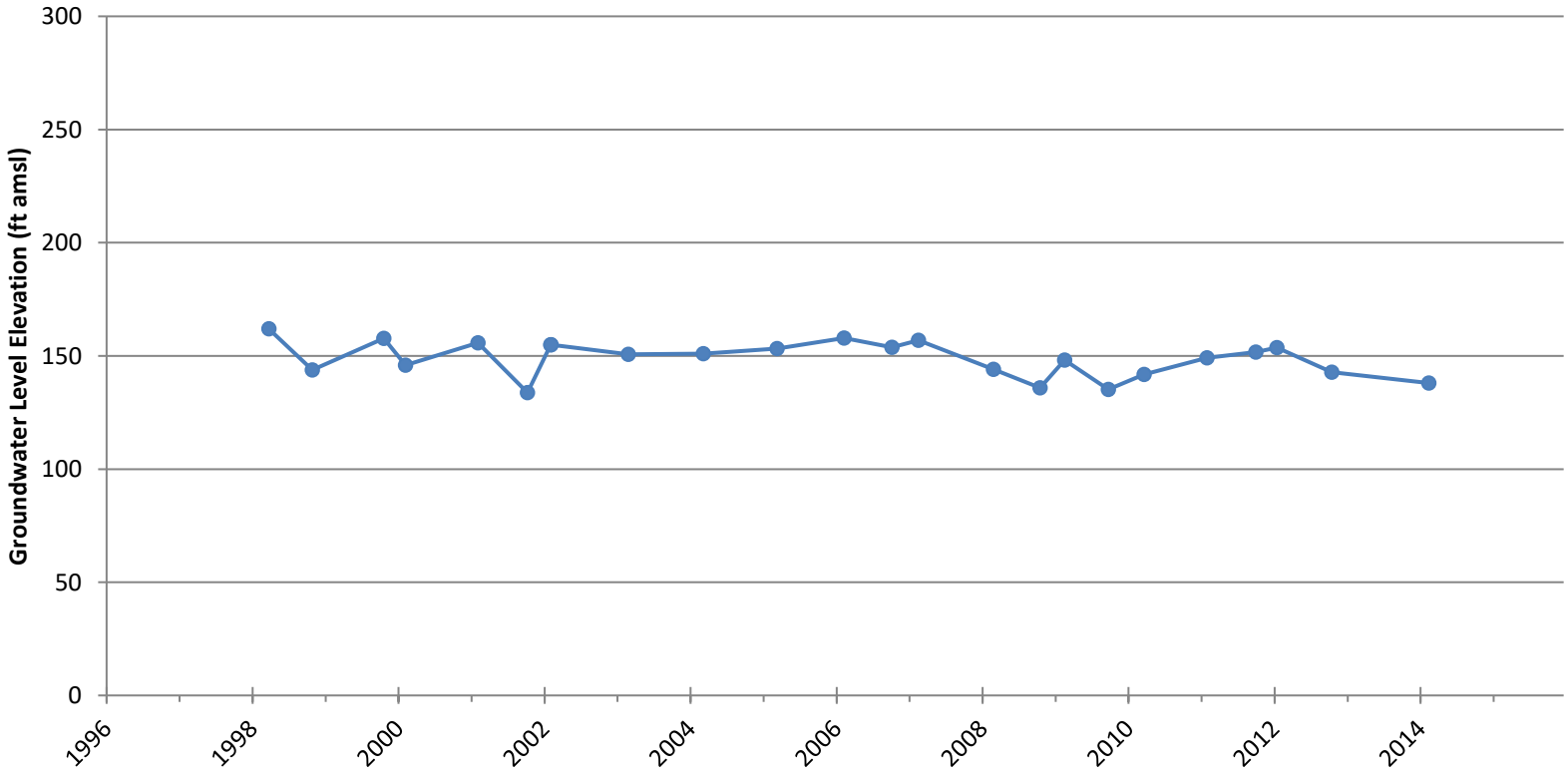
288489
C-57 LICENSE NUMBER

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

Groundwater Hydrographs - Shallow

22S/23E-30J01



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Owner's Copy

Page 1 of 2

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. E054449

DWR USE ONLY --- DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. 20-E
Date Work Began 6/20/2007, Ended 6/27/2007
Local Permit Agency TULARE COUNTY
Permit No. 07-0221 Permit Date 5/16/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD REVERSE FLUID ___

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
0	4	TOP SOIL
4	7	MEDIUM SAND
7	45	SANDY BROWN CLAY
45	50	COARSE SAND & BROWN CLAY
50	53	SAND (MEDIUM COARSE)
53	54	BROWN CLAY
54	58	SAND (MEDIUM COARSE)
58	61	SAND & CLAY
61	70	SAND (MEDIUM COARSE)
70	93	CLAY BROWN
93	104	SAND (MEDIUM COARSE)
104	116	SAND & CLAY
116	121	BROWN CLAY
121	124	SAND & CLAY
124	130	BROWN CLAY
130	141	SAND (MEDIUM COARSE)
1471	150	BROWN CLAY
150	152	SAND (MEDIUM)
152	159	BROWN CLAY
159	160	SAND & CLAY
160	163	BROWN CLAY
163	169	SAND & CLAY
169	178	SAND
178	181	BROWN CLAY
181	183	SAND & CLAY
183	200	BROWN CLAY
200	202	SAND
202	214	BROWN CLAY
214	217	SAND (MEDIUM COARSE)
217	219	BROWN CLAY

TOTAL DEPTH OF BORING 500 (Feet)
TOTAL DEPTH OF COMPLETED WELL 490 (Feet)

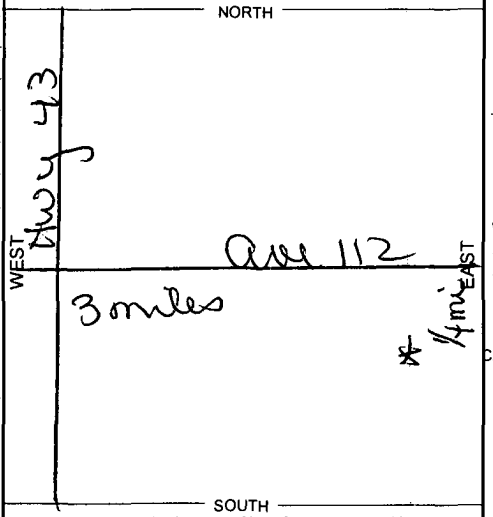
WELL OWNER

Name ANGIOLA WATER DIST.
Mailing Address 944 WHITLEY AVE. SUITE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION

Address AVE 112
City ANGIOLA CA
County TULARE
APN Book 293 Page 230 Parcel 01
Township 22 S Range 23 E Section 28
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
✓ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	44"			✓		STEEL	36"	5/16"	
0	240	30"	✓				STEEL	18" OD	5/16"	
240	480	30"		✓			STEEL	18" OD	5/16"	.050 SLO
480	490	30"	✓				STEEL	18" OD	5/16"	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	✓			6 SACK
0	500				MIX 6 X 16 & 1/4

ATTACHMENTS (✓)

___ Geologic Log
✓ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP
Signed Carla Harrell
WELL DRILLER/AUTHORIZED REPRESENTATIVE
06/28/07 DATE SIGNED
548214 C-57 LICENSE NUMBER

DWR 188 REV. 11-97
IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD01807

TRIPLICATE
Owner's Copy

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. E054449

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. 20-E
Date Work Began 6/20/2007, Ended 6/27/2007
Local Permit Agency TULARE COUNTY
Permit No. 07-0221 Permit Date 5/16/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)
DRILLING METHOD REVERSE FLUID

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
219	222	SAND (MEDIUM COARSE)
222	245	BROWN CLAY
245	261	SAND & CLAY
261	282	BROWN CLAY
282	318	SAND (COARSE MEDIUM)
318	326	SANDY BROWN CLAY
326	331	COARSE SAND
331	345	SANDY BROWN CLAY
345	348	COARSE SAND
348	362	SANDY BROWN CLAY
362	367	SANDY BLUE CLAY
367	376	COARSE SAND
376	382	SANDY BLUE CLAY
382	385	COARSE SAND
385	387	SANDY BLUE CLAY
387	389	COARSE SAND
389	393	COARSE SAND & GRAVEL
393	398	COARSE SAND
398	406	SANDY BLUE CLAY
406	408	BLUE CLAY & COARSE SAND
408	410	COARSE SAND
410	413	BLUE SANDY CLAY
413	417	COARSE SAND
417	442	SANDY BLUE CLAY
442	453	COARSE SAND
453	459	MEDIUM & COARSE SAND
459	480	SANDY BLUE CLAY
480	500	BLUE CLAY

TOTAL DEPTH OF BORING 500 (Feet)
TOTAL DEPTH OF COMPLETED WELL 490 (Feet)

WELL OWNER

Name ANGIOLA WATER DIST.
Mailing Address 944 WHITLEY AVE. SUITE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION

Address AVE 112
City ANGIOLA CA
County TULARE
APN Book 293 Page 230 Parcel 01
Township 22 S Range 23 E Section 28
Latitude DEG. MIN. SEC. DEG. MIN. SEC.

LOCATION SKETCH

NORTH
WEST
EAST
SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL
MODIFICATION/REPAIR
— Deepen
— Other (Specify)
— DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)

WATER SUPPLY
— Domestic — Public
✓ Irrigation — Industrial
MONITORING —
TEST WELL —
CATHODIC PROTECTION —
HEAT EXCHANGE —
DIRECT PUSH —
INJECTION —
VAPOR EXTRACTION —
SPARGING —
REMEDIATION —
OTHER (SPECIFY) —

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER — (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL — (Ft.) & DATE MEASURED
ESTIMATED YIELD * — (GPM) & TEST TYPE
TEST LENGTH — (Hrs.) TOTAL DRAWDOWN — (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	44"			✓		STEEL	36"	5/16"	
0	240	30"	✓				STEEL	18" OD	5/16"	
240	480	30"		✓			STEEL	18" OD	5/16"	.050 SLO
480	490	30"	✓				STEEL	18" OD	5/16"	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	✓			6 SACK
0	500				MIX 6 X 16 & 1/4

ATTACHMENTS (✓)

— Geologic Log
✓ Well Construction Diagram
— Geophysical Log(s)
— Soil/Water Chemical Analysis
— Other
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP
Signed _____ 06/28/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD01808

9-185—July 1935
Revised

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

WELL SCHEDULE

Date OCT. 10, 1950 Field No. 22.23-21L1

Record by MEE Office No.

Source of data PI

1. *Location:* State California County TULARE
   Map LAKE WEIR QUAD TAYLOR WEIR S-429C
   ¼ ¼ sec. T N S R E W
2. *Owner:* John Unden Address RT 2 Box 200, Tulare
   Tenant Stan Parker Address BKSFLD
   ~~Driller~~ Goldring Packing Co. Address
3. *Topography* PLAIN NEAR LAKE
4. *Elevation* 205 ft. above below
5. *Type:* Dug, drilled, driven, bored, jetted 1950
6. *Depth:* Rept. 521 ft. Meas. ft.
7. *Casing:* Diam. 12 in., to in., Type
   Depth ft., Finish PERFORATED
8. *Chief Aquifer* From ft. to ft.
   Others perfs - 321'-521'
9. *Water level* ft. rept. meas. 19 above below
   NO REPORT which is ft. above below surface
10. *Pump:* Type ~~TURBINE~~ Capacity G. M.
    Power: Kind ELEC Horsepower 50
11. *Yield:* Flow G. M., Pump G. M., Meas., Rept. Est.
    Drawdown ft. after hours pumping G. M.
12. *Use:* Dom., Stock, PS., RR., Ind., Irr., Obs.
    Adequacy, permanence
13. *Quality* Temp °F.
    Taste, odor, color Sample Yes No
    Unfit for
14. *Remarks:* (Log, Analyses, etc.) D-log

U. S. GOVERNMENT PRINTING OFFICE 6—7478

Well G1

22/23-21L1

PLOTTED FEB 1970

100 FT W OF DITCH ON HALF SECTION LINE

~~40-FT—SOUTH OF~~ SECTION LINE

0.51 miles South of ℄ Ave. 120

.52 mi. W/o Rd 40 (sec. line)
.1485 mi. N/o Ave. 112 (sec. line) on W. side of canal.

Meter No. ~~C4-99~~ 322502

Trans. No. — 3661

Disc. Diam. 10 in Length 11 Ft into ditch 15-FT-E-~~INTO~~-DITCH 161 Ft. into ditch East of canal

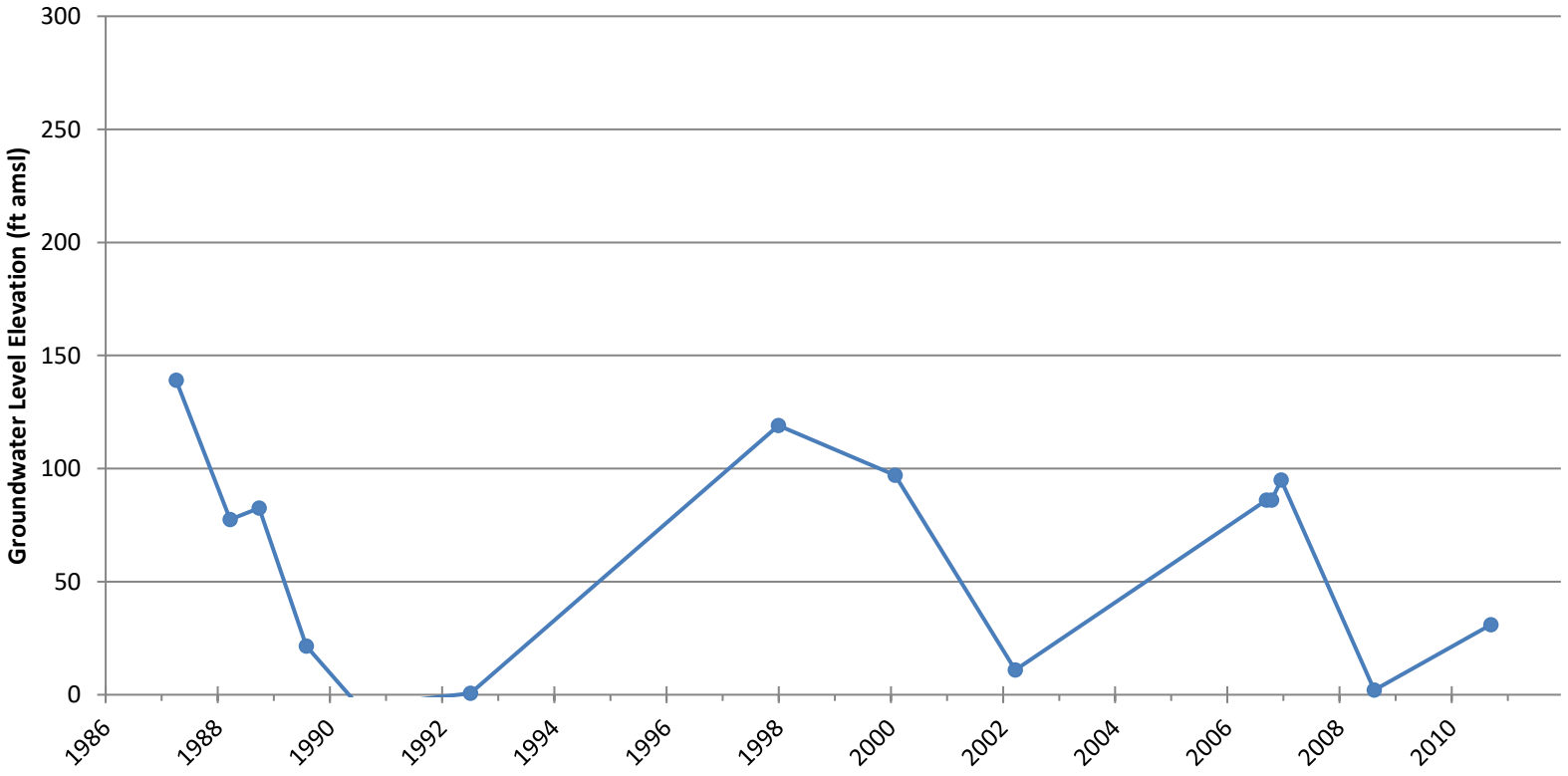
Remarks

Nov. 6, 1958
Byron-Jackson turb
U.S. Elec. 75 H.P.
S.W.L = 65.98 Ft.
M.P. = T.C. M Side which is 1.5 Ft. above L.S.D
WL = 67.4' (12-51)

AWD02010

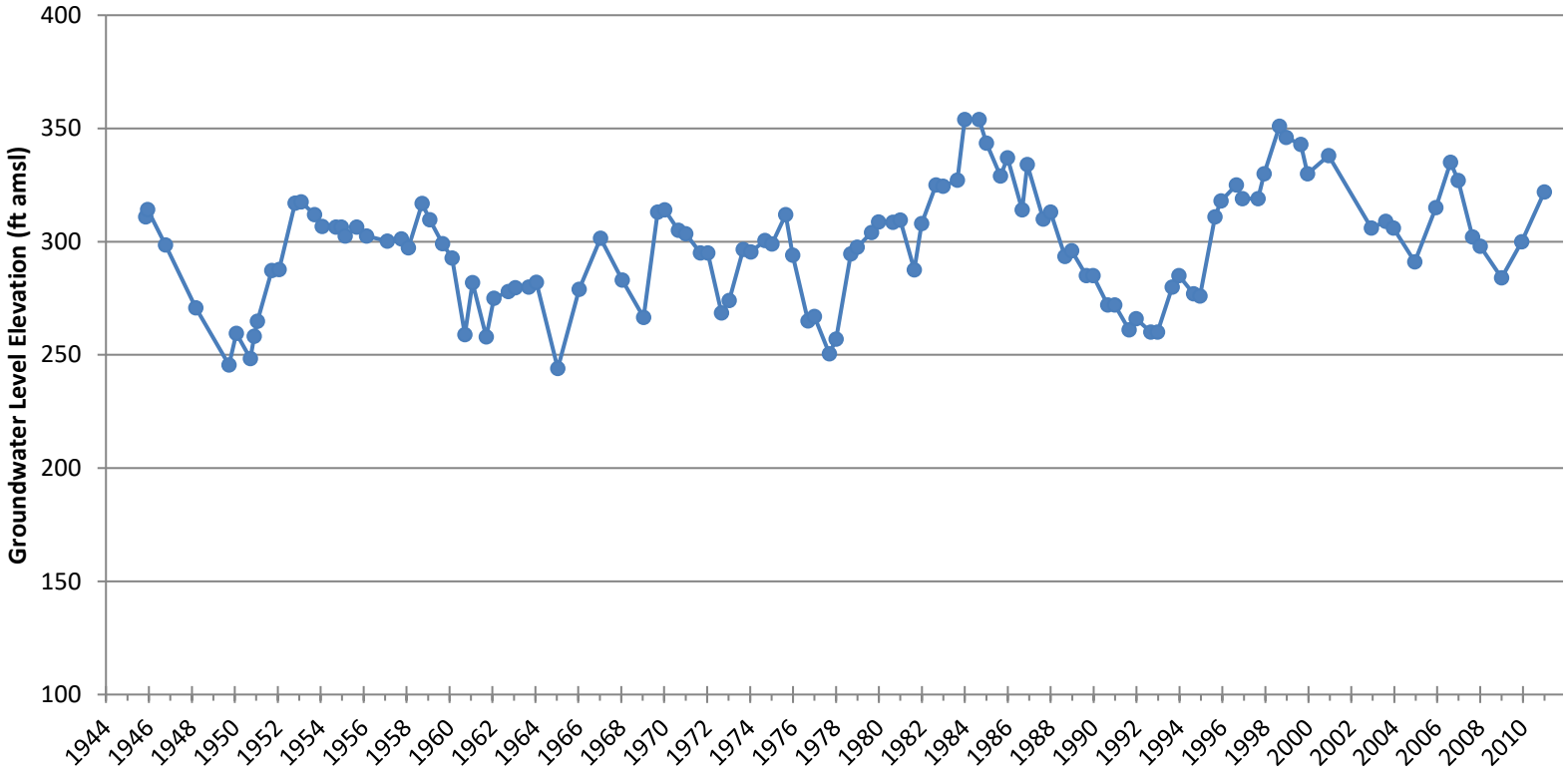
Groundwater Hydrographs - Shallow

G-1



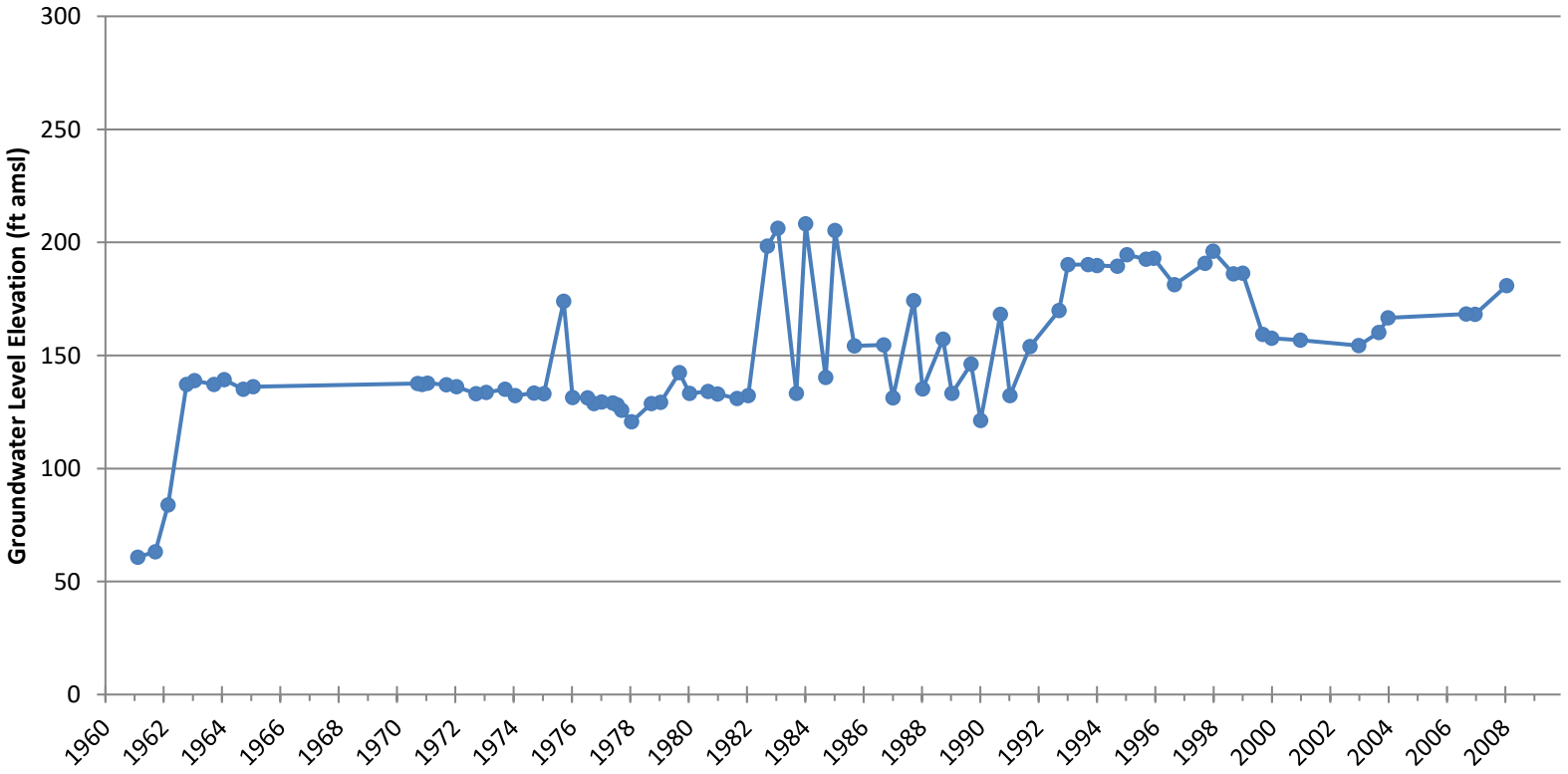
Groundwater Hydrographs - Shallow

22S/26E-25J01



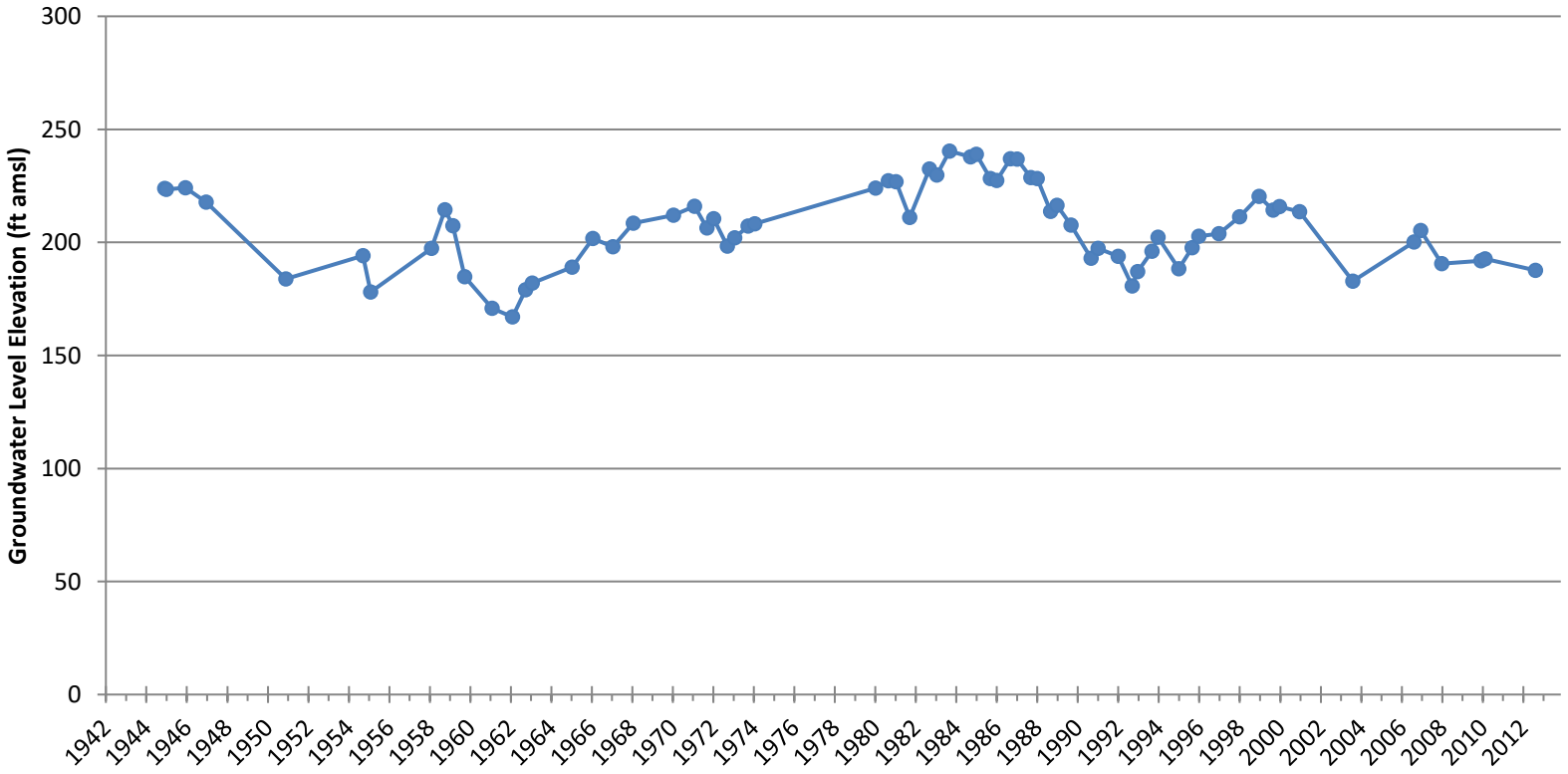
Groundwater Hydrographs - Shallow

23S/23E-33A02



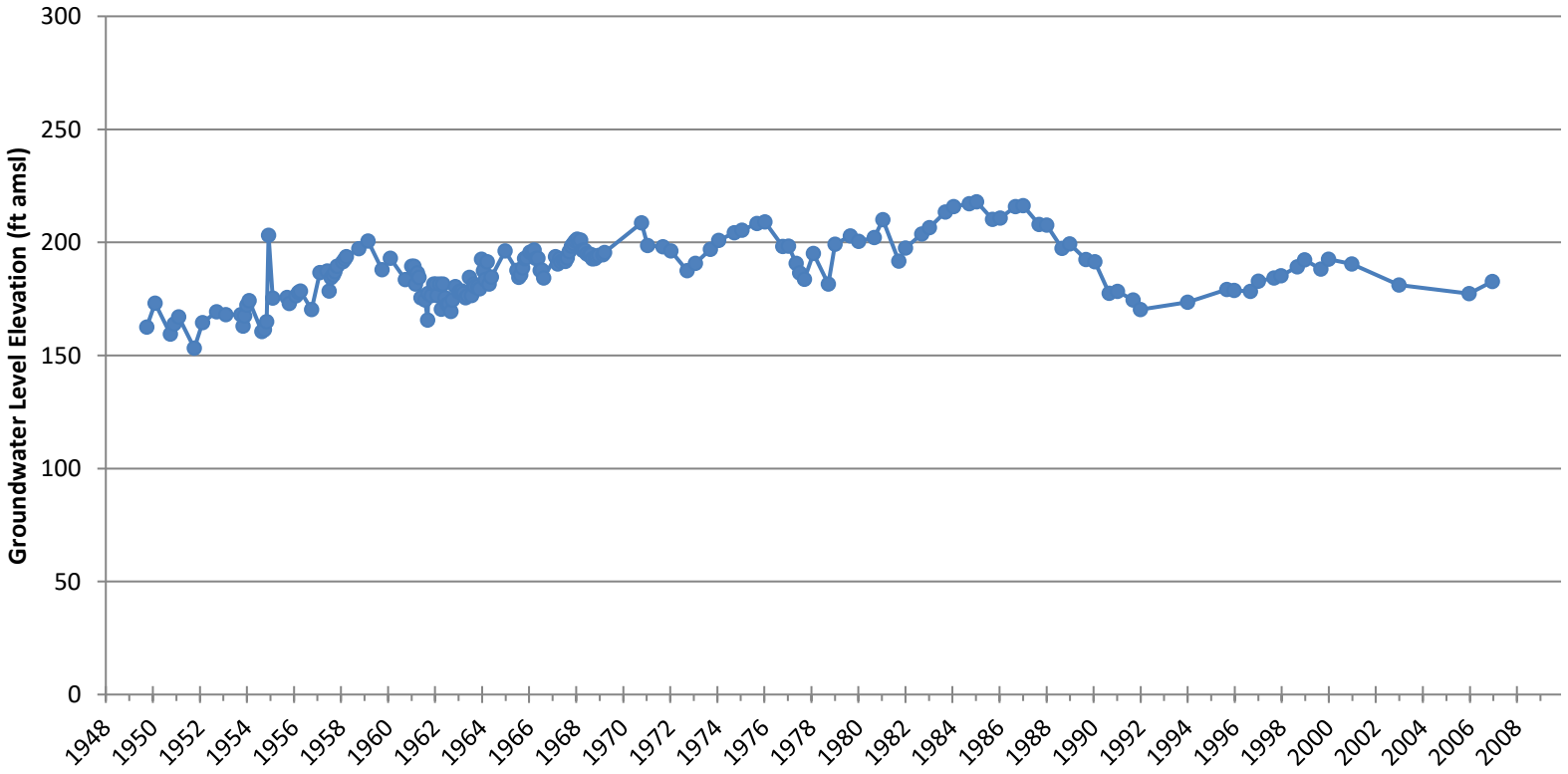
Groundwater Hydrographs - Shallow

21S/24E-15H01



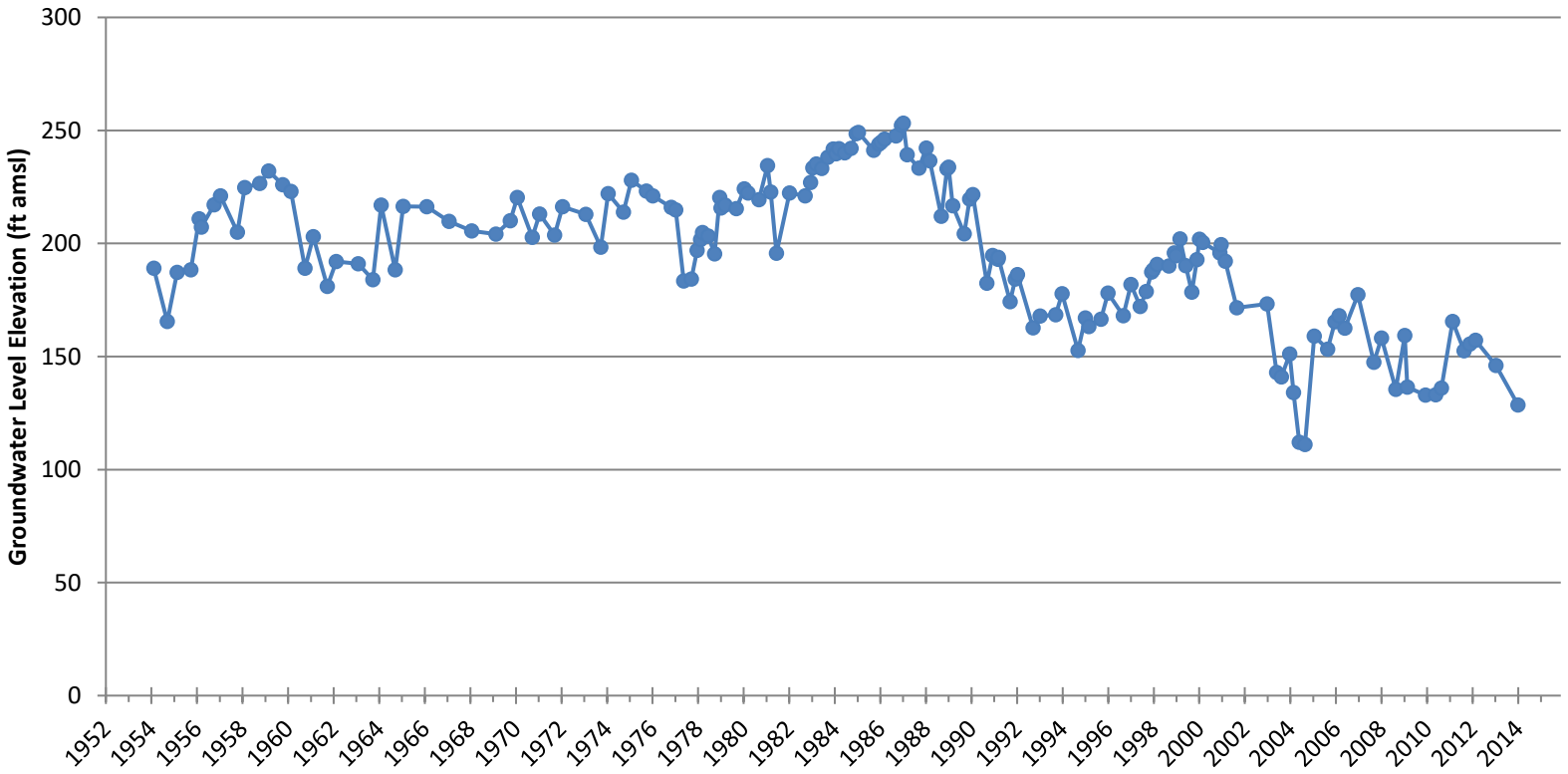
Groundwater Hydrographs - Shallow

22S/25E-10E01



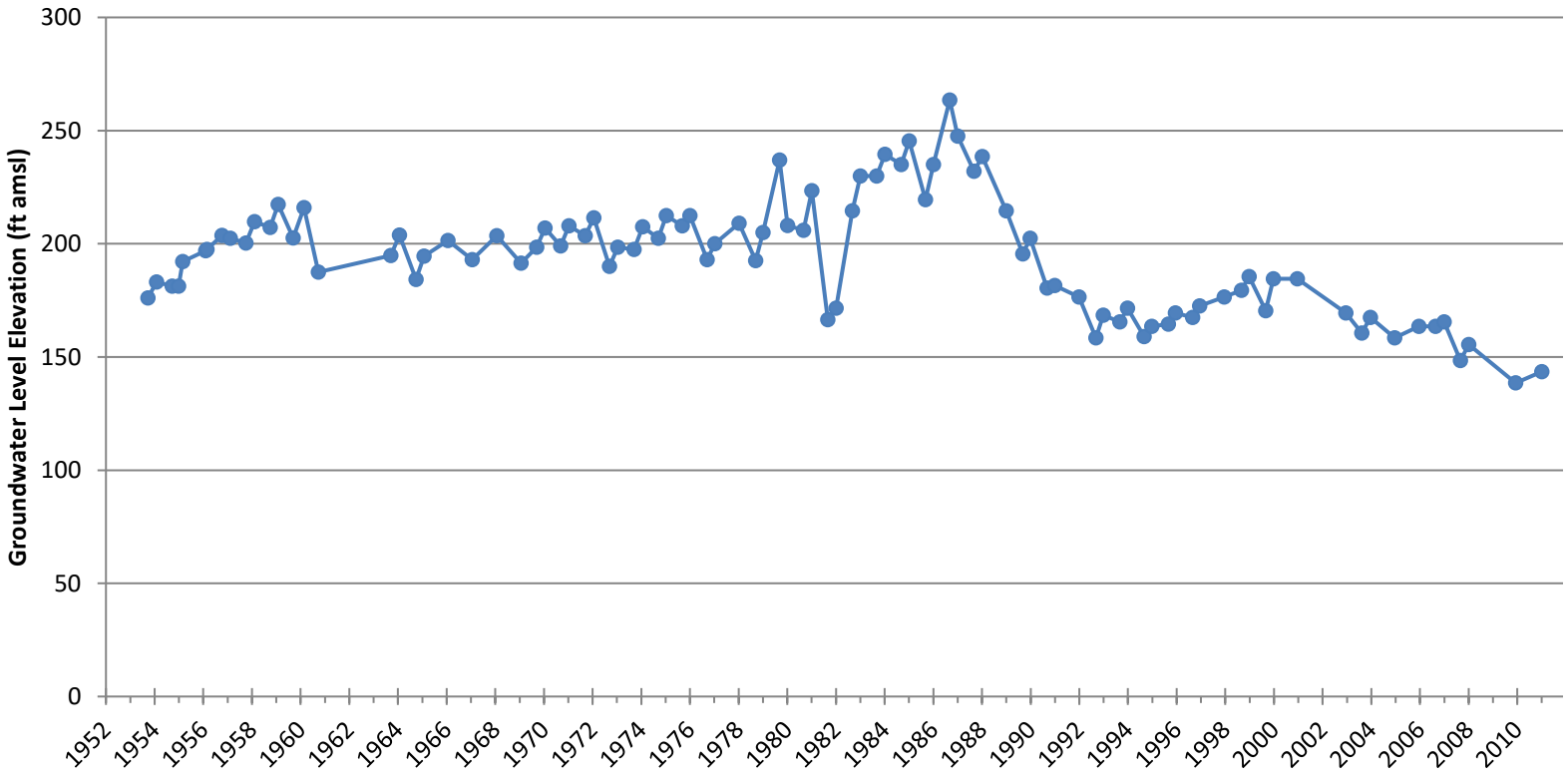
Groundwater Hydrographs - Shallow

21S/25E-36R01



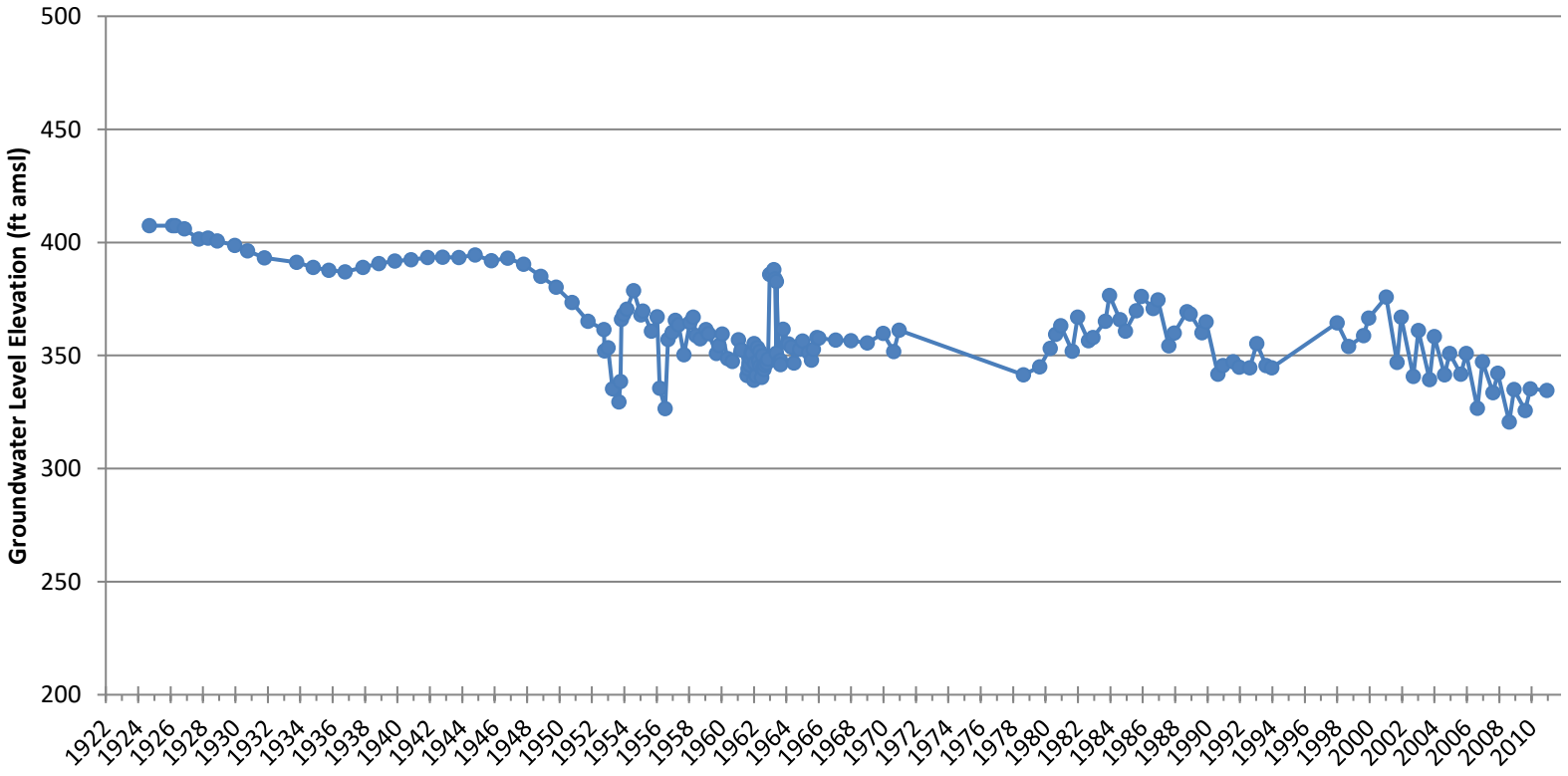
Groundwater Hydrographs - Shallow

22S/26E-07J01



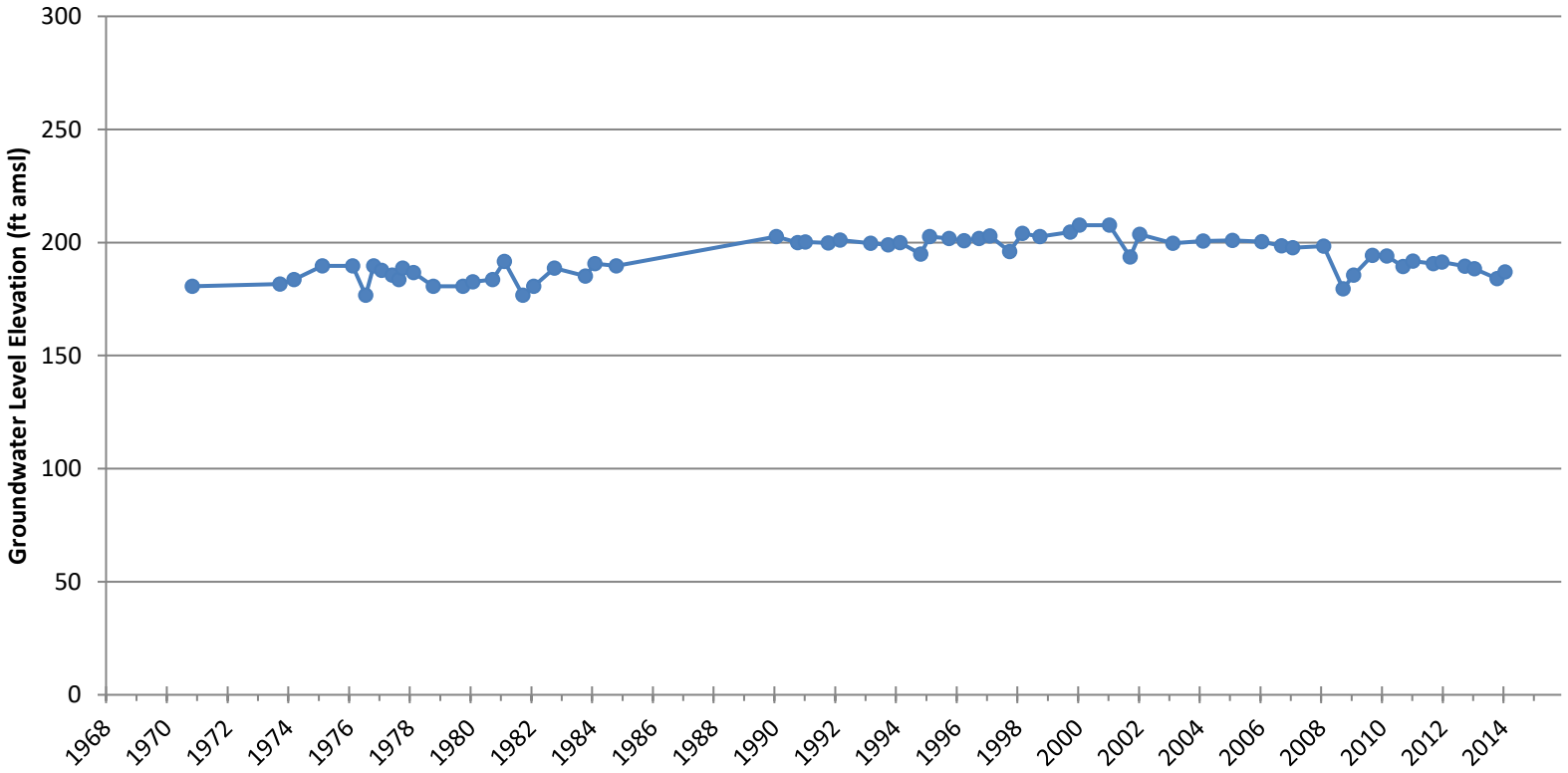
Groundwater Hydrographs - Shallow

22S/27E-10R01



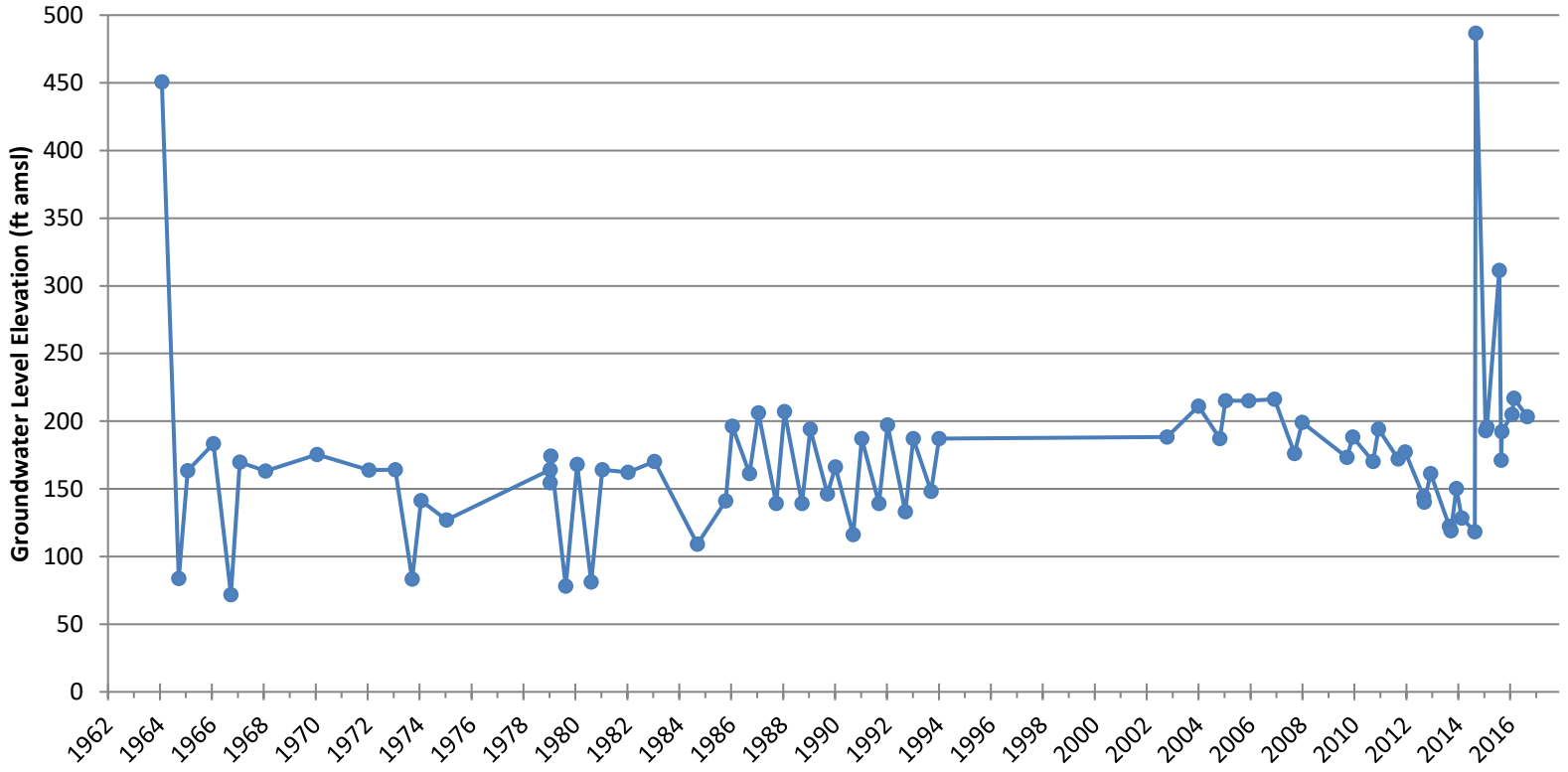
Groundwater Hydrographs - Shallow

24S/24E-25J01



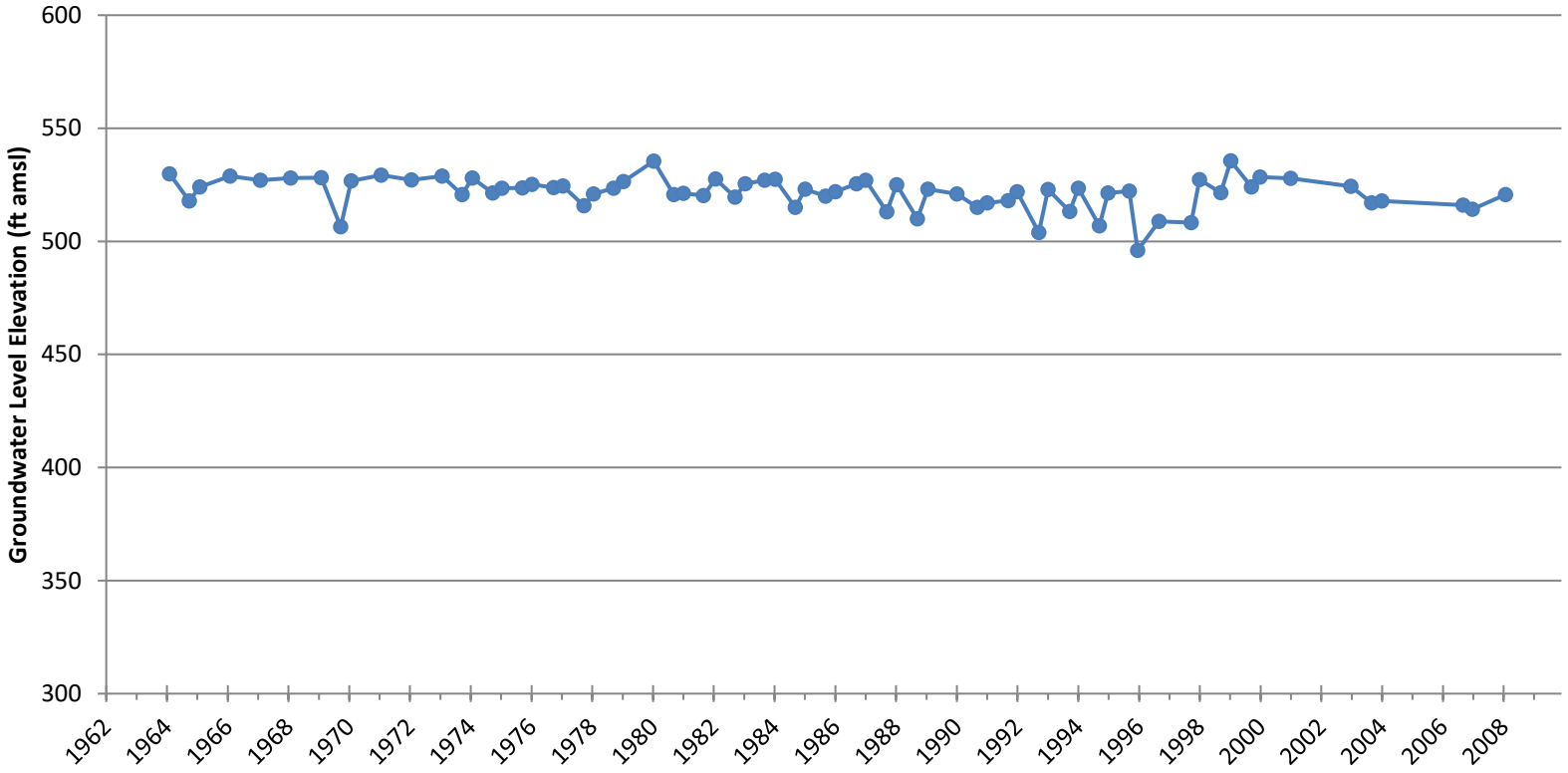
Groundwater Hydrographs - Shallow

24S/26E-01R01



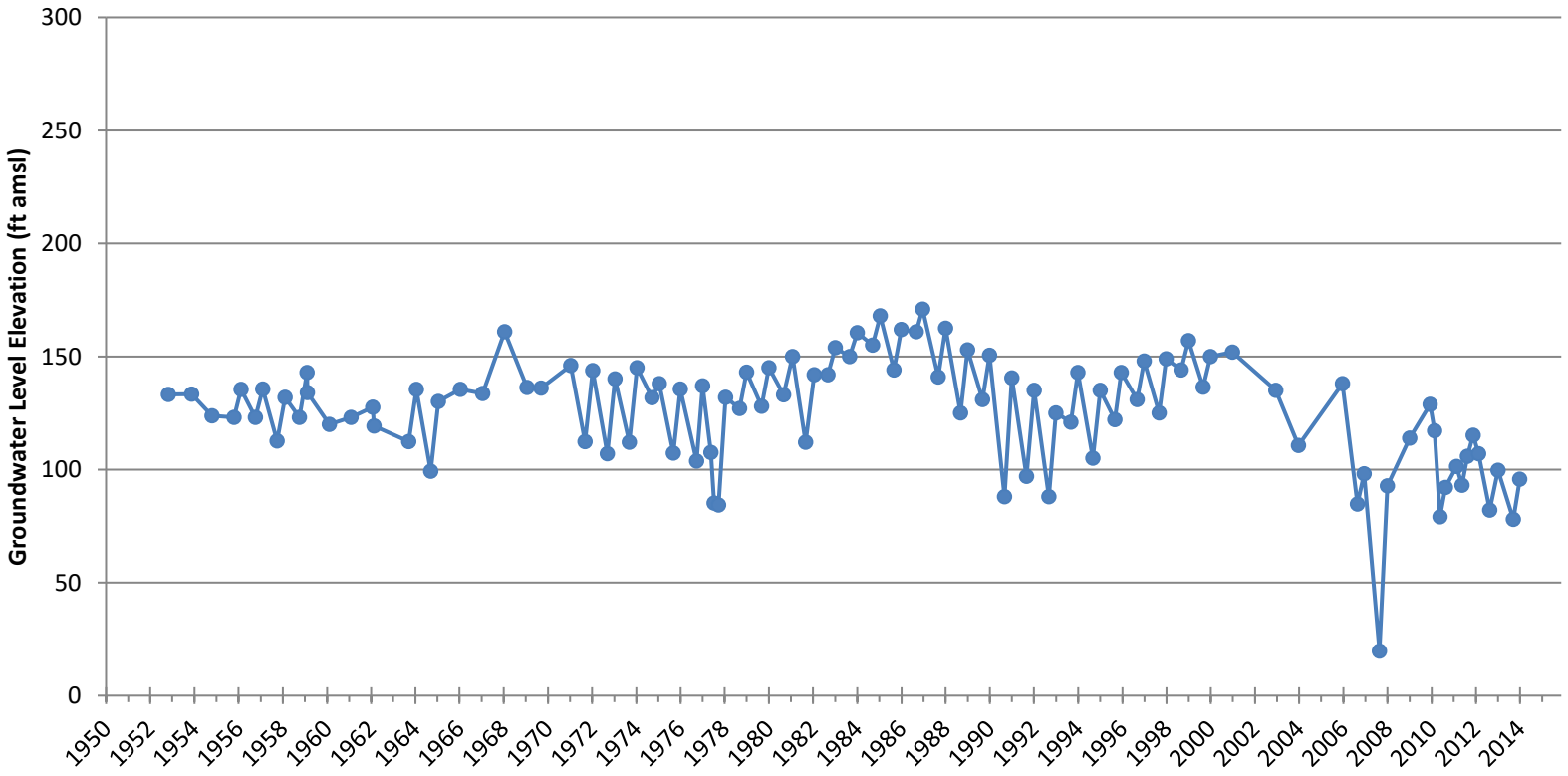
Groundwater Hydrographs - Shallow

22S/28E-03H01



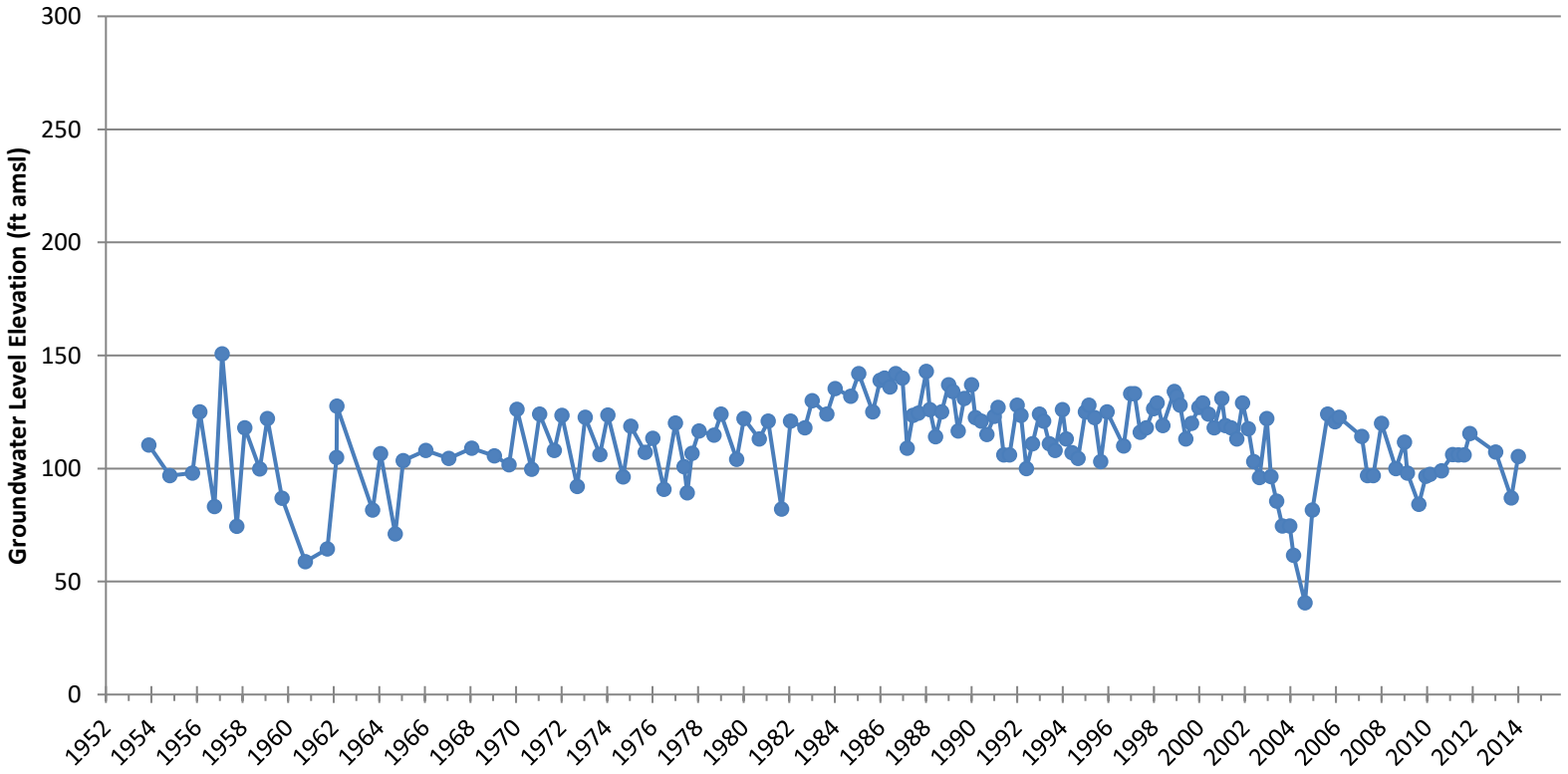
Groundwater Hydrographs - Shallow

23S/25E-19D01



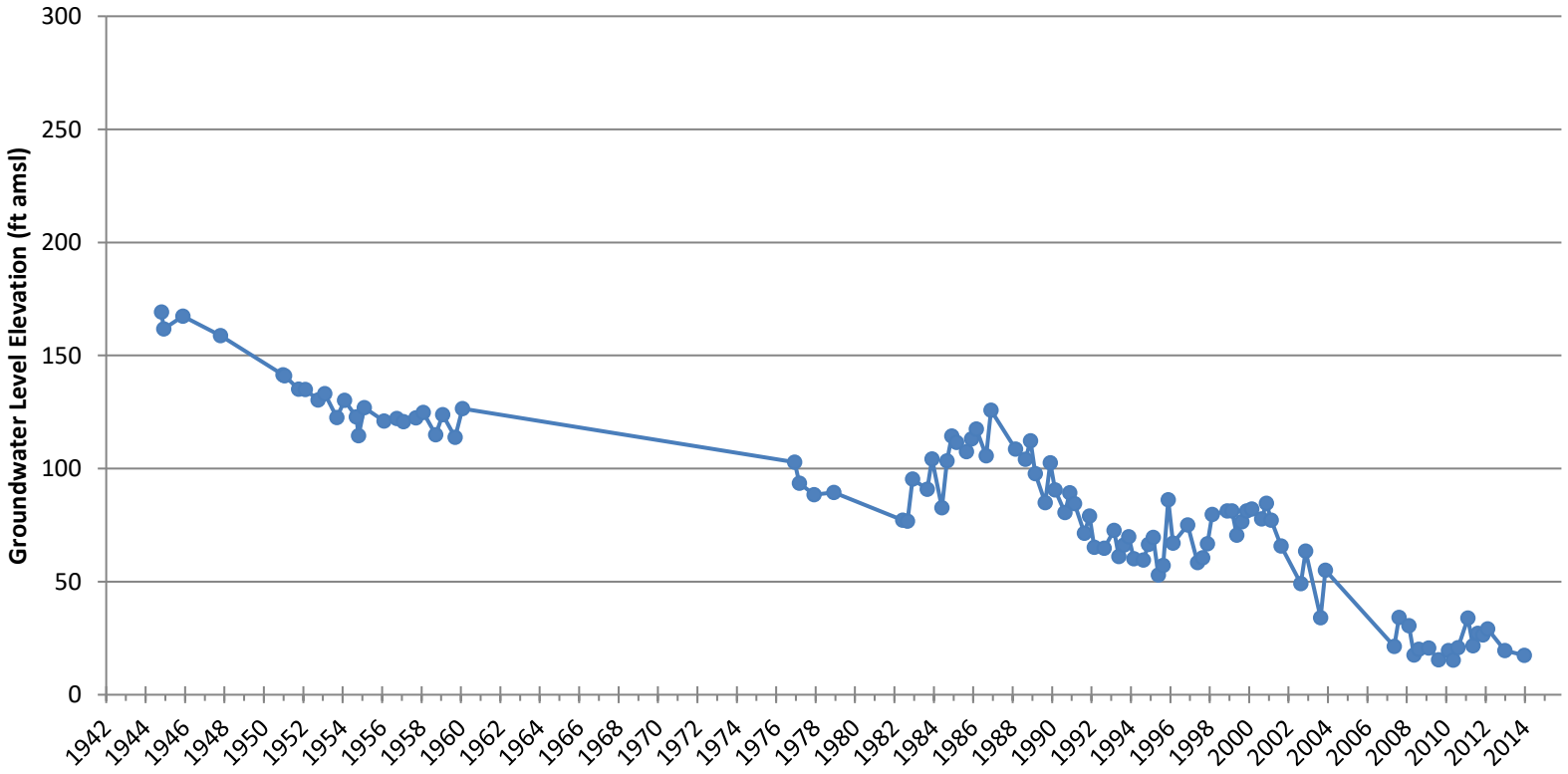
Groundwater Hydrographs - Shallow

23S/24E-28J02



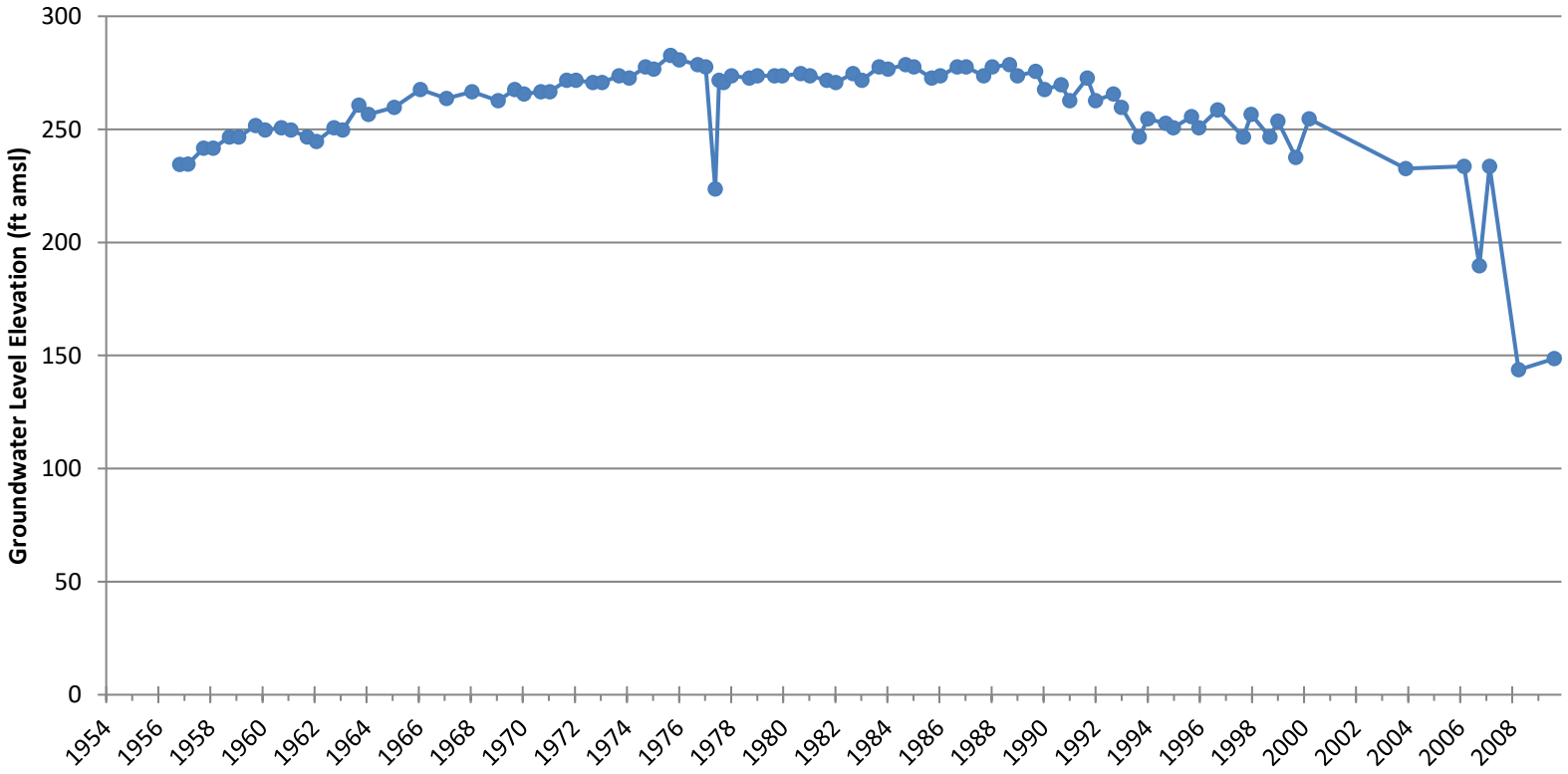
Groundwater Hydrographs - Shallow

22S/24E-20A01



Groundwater Hydrographs - Shallow

24S/25E-35P01



22/23-2L1

BOLSEY PORTABLE

ORIGINAL

LOG OF WELL

WHITTEN BROS. DRILLING COMPANY

"The Older and Better"

DELANO, CALIFORNIA

PHONE 2021 Well Number 2L1

Name Southern Pacific Company

Address Kingsburg, California

Well Started 7/20/50 Well Finished 7/31/50 Diameter 16"

Gauge 5/16 Total Depth 521 Depth to Water

Strata Formation	From Feet	To Feet	Perforated From Feet	To Feet
Top Soil	0	6	2 ft. 16" 5/16 O.D. perforated	
Sand	6	15		
Clay	15	52	271 ft. 5/16 16" O.D. plain	
Sandy Clay	52	105		
Gravel	105	113		
Sandy Clay	113	202		
Hard Sand	202	262		
Sand	262	285		
Sandy Clay	285	420		
Sand	420	432		
Sandy Clay	432	460		
Tough Clay	460	480		
Sandy Clay	480	510		
Hard Blue Slate	510	521		

BOLSEY PORTABLE

Well G1

AWD02011

TRIPLICATE
Owner's Copy

Page 1 of 3

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

DWR USE ONLY --- DO NOT FILL IN

STATE WELL NO./ STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

Owner's Well No. #2-13W ~~W-14~~ No. E054456

Date Work Began 6/19/2007, Ended 7/12/2007

Local Permit Agency TULARE COUNTY

Permit No. 07-0220 Permit Date 5/15/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DRILLING METHOD REVERSE FLUID ___

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
0	25	SANDY BROWN CLAY
25	38	SANDY BLUE CLAY
38	50	SANDY BROWN CLAY
50	54	SAND
54	61	CLAY
61	66	SANDY CLAY
66	74	CLAY
74	79	SANDY CLAY
79	86	CLAY BROWN
86	91	BLUE CLAY
91	95	SAND
95	98	SANDY CLAY
98	111	CLAY
111	118	FINE SAND
118	126	SANDY CLAY
126	133	BLUE CLAY
133	142	SAND
142	158	BLUE CLAY
158	161	SAND
161	170	BLUE CLAY
170	177	SAND
177	196	BLUE CLAY
196	202	SANDY CLAY
202	205	BLUE CLAY
205	216	SANDY CLAY
216	228	BLUE CLAY
228	234	BLUE CLAY & SAND
234	243	CLAY
243	248	SAND
248	253	SANDY CLAY

TOTAL DEPTH OF BORING 490 (Feet)

TOTAL DEPTH OF COMPLETED WELL 490 (Feet)

WELL OWNER

Name ANGIOLA WATER DIST.

Mailing Address 944 WHITLEY AVE. SUITE

CORCORAN CA 93212

CITY STATE ZIP

WELL LOCATION

Address RD 40 & AVE 112

City ANGIOLA CA

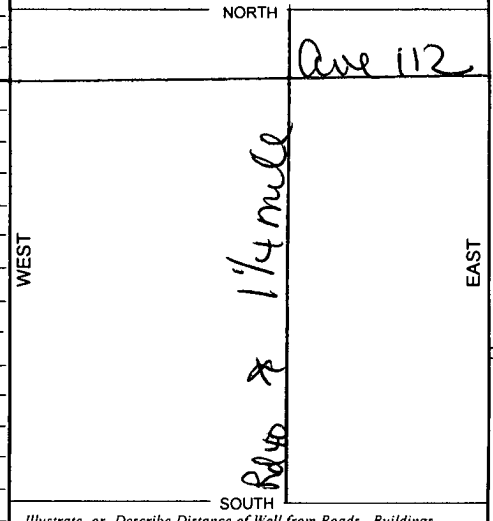
County TULARE

APN Book 291 Page 110 Parcel 05

Township 22 S Range 23 E Section 33

Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL

MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)

___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)

WATER SUPPLY
___ Domestic ___ Public
✓ Irrigation ___ Industrial

___ MONITORING
___ TEST WELL
___ CATHODIC PROTECTION
___ HEAT EXCHANGE
___ DIRECT PUSH
___ INJECTION
___ VAPOR EXTRACTION
___ SPARGING
___ REMEDIATION
___ OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	44"			✓		STEEL	36"	5/16"	
0	240	30"	✓				STEEL	18"	5/16"	
240	480	30"		✓			STEEL	18"	5/16"	.050 SLO
480	490	30"	✓				STEEL	18"	5/16"	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	✓			SIX SACK
0	490			✓	1/4 X 10

ATTACHMENTS (✓)

___ Geologic Log
✓ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP

Signed Carla Farrell 07/16/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD02863

TRIPLICATE
Owner's Copy

Page 2 of 3

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. E054456

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. #2-13W
Date Work Began 6/19/2007, Ended 7/12/2007
Local Permit Agency TULARE COUNTY
Permit No. 07-0220 Permit Date 5/15/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD REVERSE FLUID ___

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
253	265	SAND
265	269	CLAY
269	276	SAND
276	278	CLAY W/SAND
278	296	CLAY
296	303	SAND
303	309	CLAY
309	316	SAND
316	322	SANDY CLAY
322	325	SAND
325	337	CLAY
337	346	SAND
346	354	SANDY CLAY
354	367	CLAY
367	374	SAND
374	381	SANDY CLAY
381	384	CLAY
384	385	SANDY CLAY
385	391	SAND
391	404	CLAY
404	410	SAND
410	423	CLAY
423	434	CLAY W/LITTLE SAND
434	439	SAND
439	443	SANDY CLAY
443	454	SAND
454	456	CLAY
456	463	SAND
463	472	CLAY
472	480	SAND

TOTAL DEPTH OF BORING 490 (Feet)
TOTAL DEPTH OF COMPLETED WELL 490 (Feet)

WELL OWNER

Name ANGIOLA WATER DIST.
Mailing Address 944 WHITLEY AVE. SUITE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION

Address RD 40 & AVE 112
City ANGIOLA CA
County TULARE
APN Book 291 Page 110 Parcel 05
Township 22 S Range 23 E Section 33
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
✓ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	44"			✓		STEEL	36"	5/16"	
0	240	30"	✓				STEEL	18"	5/16"	
240	480	30"		✓			STEEL	18"	5/16"	.050 SLO
480	490	30"	✓				STEEL	18"	5/16"	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	✓			SIX SACK
0	490			✓	1/4 X 10

ATTACHMENTS (✓)

___ Geologic Log
✓ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP

Signed ___ 07/16/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD02864

TRIPLICATE
Owner's Copy

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. E054456

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. #2-13W
Date Work Began 6/19/2007, Ended 7/12/2007
Local Permit Agency TULARE COUNTY
Permit No. 07-0220 Permit Date 5/15/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD REVERSE FLUID

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
480	490	CLAY

TOTAL DEPTH OF BORING 490 (Feet)
TOTAL DEPTH OF COMPLETED WELL 490 (Feet)

WELL OWNER

Name ANGIOLA WATER DIST.
Mailing Address 944 WHITLEY AVE. SUITE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION

Address RD 40 & AVE 112
City ANGIOLA CA
County TULARE
APN Book 291 Page 110 Parcel 05
Township 22 S Range 23 E Section 33
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. **PLEASE BE ACCURATE & COMPLETE.**

ACTIVITY (✓)

✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
✓ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	44"			✓		STEEL	36"	5/16"	
0	240	30"	✓				STEEL	18"	5/16"	
240	480	30"		✓			STEEL	18"	5/16"	.050 SLO
480	490	30"	✓				STEEL	18"	5/16"	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	✓			SIX SACK
0	490			✓	1/4 X 10

ATTACHMENTS (✓)

___ Geologic Log
✓ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP
Signed ___ 07/16/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD02865

ORIGINAL
File with DWR 21/25-13

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 488425

Page ___ of ___
Owner's Well No. ___
Date Work Began 2/8/92, Ended 2/12/92
Local Permit Agency Tulare County Health Dept.
Permit No. ___ Permit Date 1/9/92

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	12	Sandy clay.
12	15	Sand
15	88	Sandy clay.
88	112	Sand
112	124	Sandy clay.
124	154	Sand
154	178	Gray clay.
178	190	Red + grey clay.
190	210	red clay
210	222	Sand + pink clay.
222	252	red clay.
252	360	Sand.

OUTSIDE CORC. CLAY AREA

TOTAL DEPTH OF BORING 256 (Feet)
TOTAL DEPTH OF COMPLETED WELL 257 (Feet)

WELL OWNER

Name Midge Jones.
Mailing Address 15754 Ave 168
City Tulare CA. State 93274 ZIP

WELL LOCATION

Address 15754 Ave 168
City Tulare
County Tulare
APN Book 232 Page 090 Parcel 16
or Township 21S Range 25E Section 13
or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH

NORTH
WEST
EAST
owell
Ave 168
SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

___ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING
WATER SUPPLY
___ Domestic
___ Public
✓ Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD Cable tool FLUID Mud

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 112 (Ft.) & DATE MEASURED 3/12/92
ESTIMATED YIELD* 250 (GPM) & TEST TYPE air lift
TEST LENGTH 12 (Hrs.) TOTAL DRAWDOWN 116 (Ft.)
* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	20	20"	✓			✓	Steel	19½	.250	None
0	243	12"	✓				Steel	10	Loga.	
175	225	mills			perforations from 175-225					

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	20	✓			

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Lott Drilling Co. (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 1593 Joyce Circle CITY Tulare STATE Ca. ZIP 93274
Signed Marlow Lott WELL DRILLER/AUTHORIZED REPRESENTATIVE
DATE SIGNED 3/12/92
C-57 LICENSE NUMBER 398407

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. 2

Date Work Began 2-5-99, Ended 2-13-99

Local Permit Agency T'EH

Permit No. 79084 Permit Date 2-2-99

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 519706

DWR USE ONLY — DO NOT FILL IN
21S/26E-10
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	3	Top Soil
3	15	(Fine) sand
15	19	(Coarse) sand
19	30	Green clay
30	35	(Coarse) sand (H2O)
35	41	(Fine) sand
41	57	Sand + Gravel (H2O)
57	105	Brown sandy clay
105	107	(Coarse) sand (H2O)
107	132	Brown clay + sand
132	140	Sandstone (Hard)
140	162	Red clay + sand
162	167	(Coarse) sand (H2O)
167	172	Sandstone (Hard)
172	176	(Coarse) sand (H2O)
176	205	Brown clay + sand

TOTAL DEPTH OF BORING 205 (Feet)

TOTAL DEPTH OF COMPLETED WELL 200 (Feet)

WELL OWNER

Name Neil Hefner

Mailing Address 18777 Ave 184

Strathmore CITY Ca. STATE 93267 ZIP

WELL LOCATION

Address ___

City Same

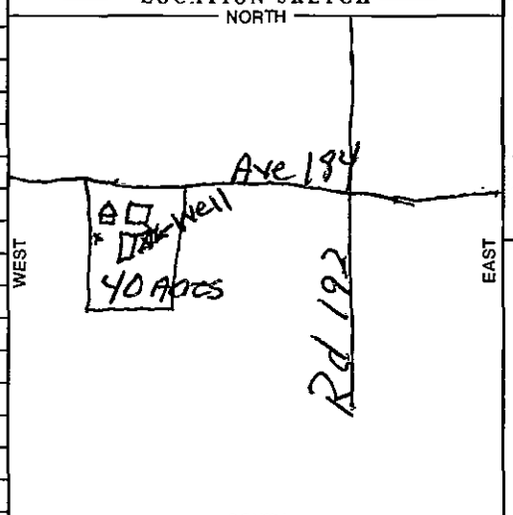
County ___

APN Book 236 Page 030 Parcel 008

or Township 21S Range 26E Section 10

or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH



Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
___ MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (✓)
___ MONITORING
WATER SUPPLY
✓ Domestic
___ Public
___ Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD Rotary FLUID H2O

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 24 (Ft.) & DATE MEASURED 2-13-99

ESTIMATED YIELD* 100 (GPM) & TEST TYPE Airlift

TEST LENGTH 4 (Hrs.) TOTAL DRAWDOWN NA (Ft.)

** May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	80	12½	✓			✓	PVC	6"	Sch 40	[redacted]
80	200	12½		✓			PVC	6"	Sch 40	90 SX 3

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	23	✓			
23	205			✓	3/8 minus

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Dilso Drilling (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

1410 Tomah ADDRESS Porterville CITY Ca. STATE 93257 ZIP

Signed Lenny R Corder WELL DRILLER/AUTHORIZED REPRESENTATIVE 2-15-99 DATE SIGNED 662109 C-57 LICENSE NUMBER

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

21/26-22A1

9-063
(December 1949)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

No. 21/26-22A1
observation well

Other Nos. _____

WELL LOG

State Calif. County Tulare Subarea _____

Owner Bert Jackson

Location _____

Drilled by Woods Bros Address Porterville

Date August 1949 Casing diam. 10 Land-surf. alt. _____

Source of data owners log

(Enter type of well, perforations, yield, and drawdown at end of log)

Correlation	Material	Thickness (feet)	Depth (feet)
0-75	Soil		
75-83	Muddy sand		
83-96	Sand, Rock & gravel		
96-110	Sandy clay		
110-125	Brown clay		
125-144	Muddy sand		
144-149	Sand		
149-160	Brown clay		
160-164	Muddy sand		
164-174	clay		
	3-170 10" pipe, 2 perf		
	perf. 118' to 162'		

Record by R. L. Klausing Date 12/27/59 Sheet 1 of 1

U. S. GOVERNMENT PRINTING OFFICE 16—61687-1

ORIGINAL
File with DWR 21/26-34

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 489973

Page ___ of ___
Owner's Well No. ___
Date Work Began 4-29-92 , Ended 4-30-92
Local Permit Agency Tulare co.
Permit No. 64027 Permit Date 4-27-92

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	5	Top Soil
5	10	Clay
10	20	Sandy Clay
20	40	Gravely sand
40	60	Sandy Clay Gray
60	80	Sandy Clay Coarse
80	100	Cobbles
100	120	Gravely Clay
120	140	Sandy Clay(some cobbles)
140	160	Coarse sand
160	180	" "
180	200	" "

TOTAL DEPTH OF BORING 220 (Feet)
TOTAL DEPTH OF COMPLETED WELL 200 (Feet)

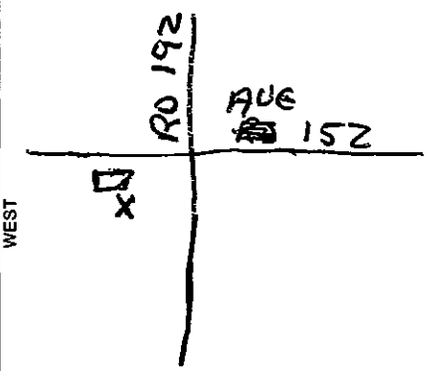
WELL OWNER

Name Brigitta Holter mann
Mailing Address 347 N. Newcomb
Porterville Ca.
CITY STATE ZIP

WELL LOCATION

Address 18975 Ave 152
City Porterville Ca.
County Tulare
APN Book 237 Page 010 Parcel 14
or Township 21S Range 26E Section 34
or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH



Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING
WATER SUPPLY
X Domestic
___ Public
___ Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD Rotary FLUID Mud

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 89 (Ft.) & DATE MEASURED 4-30-92
ESTIMATED YIELD* 175 (GPM) & TEST TYPE Air Lift
TEST LENGTH 5 (Hrs.) TOTAL DRAWDOWN 97 (Ft.)
** May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	200	14								
0	80		X				P V C	6	Scd 40	
80	200			X			"	"	"	3/32

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	X			
50	200				3/8 Grav

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME L & L Well Drilling
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

2459 N. Oaks Sp. # 47 Tulare Ca. 93274
ADDRESS CITY STATE ZIP

Signed Ken Lewis
WELL DRILLER/AUTHORIZED REPRESENTATIVE

4-30-92 DATE SIGNED

620671 C-57 LICENSE NUMBER

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

Page 2 of 2

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 47663

DWR USE ONLY — DO NOT FILL IN
21S/23E-30
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. Craig Silveira
Date Work Began 5/21/2007, Ended 5/22/2007
Local Permit Agency Tulare Co.
Permit No. 07-0116 Permit Date 3/28/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD CABLE FLUID WATER/POL

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
332	342	CLAY
342	356	SAND
356	362	CLAY
362	370	SAND
370	375	CLAY
375	395	SAND
395	406	CLAY
406	411	SAND
411	440	CLAY

TOTAL DEPTH OF BORING 440 (Feet)
TOTAL DEPTH OF COMPLETED WELL 420 (Feet)

WELL OWNER

Name Craig Silveria
Mailing Address 2143 N. Adams
Tulare CA 93274
CITY STATE ZIP

WELL LOCATION

Address 1/4 mile s. ave 160 1/2 mile w. rd 24
City Corcoran,Ca CA
County tulare
APN Book 200 Page 230 Parcel 02
Township 21 S Range 23 E Section 30
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH

NORTH
WEST
EAST
SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
✓ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	260	28	✓				STEEL	15.5	1/4	
260	420	28		✓			STEEL	15.5	5/16	.125

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	20	✓			
20	440				GRAVEL

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME Myers Well Drilling
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
12522 9th ave Hanford CA 93230
ADDRESS CITY STATE ZIP
Signed [signature] 05/23/07 865822
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

DUPLICATE
File Original, Duplicate and Triplicate with the REGIONAL WATER POLLUTION CONTROL BOARD No.
(Insert appropriate number)

WATER WELL DRILLERS REPORT
(Sections 7076, 7077, 7078, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA

Do Not Fill In
No 105172
State Well No. 22/23-6
Other Well No.

(1) OWNER:
Name Andy Wheat
Address 143 W Prosperity ave
Tulare, Calif-93274

(2) LOCATION OF WELL:
County Tulare Owner's number, if any—
R. F. D. or Street No. 1/4 mi. No. E. of Ave. 4th. So. side of Tule river, section 6. corcoran, ca.
22/23/6

(3) TYPE OF WORK *(check)*:
New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE *(check)*:
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:
Rotary air ☒
Cable ☐
Dug Well ☐

(6) CASING INSTALLED:
SINGLE ☒ DOUBLE ☐

From ft.	to ft.	Diam.	Gage or Wall
0	450	16x1/4	"

Type and size of shoe or well ring
Describe joint

If gravel packed

Diameter of Bore	from ft.	to ft.
0	450	

Size of gravel:

(7) PERFORATIONS:
Type of perforator used stand. louver
Size of perforations in., length, by in.

From ft.	to ft.	Perf. per row	Rows per ft.
240	450		

(8) CONSTRUCTION:
Was a surface sanitary seal provided? ☐ Yes ☐ No To what depth ft.
Were any strata sealed against pollution? ☐ Yes ☐ No If yes, note depth of strata

(11) WELL LOG:
Total depth 462 ft. Depth of completed well 450 ft.
Formation: *Describe by color, character, size of material, and structure.*

ft. to ft.	
0 " 6	"top soil
6 " 13	"sand fine & clay gray
13 " 27	"sand med.
27 " 32	"clay gray
32 " 45	"sand med.
45 " 48	"sand & blue clay
48 " 61	"sand med.
61 " 96	"clay blue
96 " 121	"sand med.
121 " 128	"clay blue
128 " 142	"sand stone & fine & med. sand
142 " 179	"clay blue
179 " 184	"sand med.
184 " 189	"clay blue
189 " 209	sand med.
209 " 225	"clay blue
225 " 236	"sand fine
236 " 238	"clay blue
238 " 240	"sand fine
240 " 252	"sand med. & fine
252 " 260	"blue clay & med. sand
260 " 269	"sand med.
269 " 275	"clay blue
275 " 279	"sand med & coarse
279 " 289	"clay blue
289 " 291	"sand stone & med sand
291 " 297	"clay blue
297 " 302	"sand med. & fine
302 " 310	"clay blue
310 " 324	"sand med. & coarse
324 " 332	"clay blue
332 " 345	"sand med.
345 " 348	"green clay
348 " 351	"clay blue
351 " 359	"clay blue
359 " 371	"sand coarse & med.
371 " 379	"clay blue
379 " 398	"sand fine & med.
398 " 410	"clay blue
410 " 419	"fine & med. sand
419 " 432	"clay green
432 " 434	"sand fine

UNCONFINED

continued

Work started 6/24 19 77 Completed 6/30 19 77

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Dail Rhoads Well drilling
(Person, firm, or corporation) *(Typed or printed)*
Address 570 E. Gail ave. Tulare, Calif. 93274
Dail Rhoads
[SIGNED] *Well Driller*
License No. 303612 Dated 7/7 19 77

DUPLICATE
File Original, Duplicate and Triplicate with the REGIONAL WATER POLLUTION CONTROL BOARD No.
(Insert appropriate number)

WATER WELL DRILLERS REPORT
(Sections 7076, 7077, 7078, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA

Do Not Fill In
No 105157
State Well No.
Other Well No.

(11) WELL LOG:
Andy Wheat
Total depth 462 ft. Depth of completed well 450 ft.
Formation: *Describe by color, character, size of material, and structure.*

ft. to ft.	
434 " 437	" sand med.
437 " 440	" clay
440 " 445	" sand & clay
445 " 462	" clay blue. Bottom

Was electric log made of well? ☐ Yes ☐ No

ORIGINAL
File with DWR

WATER WELL DRILLERS REPORT

(Sections 7079, 7080, 7081, 7082, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Do Not Fill In

No. 30889

State Well No. _____

Other Well No. 22S-23E-18

(1) OWNER:

Name SALYER LAND Co

Address

Corcoran Calif

(2) LOCATION OF WELL:

County Kings Owner's number, if any Mitchell-1

Township, Range, and Section Sec 18 - R23E - T22S

Distance from cities, roads, railroads, etc. 60 W-Rd 24 and ¼ mi N-Ave 120 Kings Co-

(3) TYPE OF WORK (check):

New Well [X] Deepening [ ] Reconditioning [ ] Destroying [ ]

If destruction, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) EQUIPMENT:

Rotary [X]
Cable [ ]
Other [ ]

(6) CASING INSTALLED:

STEEL: OTHER:

SINGLE [ ] DOUBLE [ ]

From ft.	To ft.	Diam.	Gage or Wall
0	440	14OD	1/4

If gravel packed

Diameter of Bore	From ft.	To ft.
26	0	440

Size of shoe or well ring:

Size of gravel:

Describe joint

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
0	200	3	14	1/8

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes [X] No [ ] To what depth ft.

Were any strata sealed against pollution? Yes [ ] No [ ] If yes, note depth of strata

From 0 ft. to 20 ft.

From ft. to ft.

Method of sealing Cement

(9) WATER LEVELS:

Depth at which water was first found, if known ft.

Standing level before perforating, if known ft.

Standing level after perforating and developing ft. 94'

(10) WELL TESTS:

Was pump test made? Yes [ ] No [ ] If yes, by whom?

Yield: 2000 gal./min. with 80 ft. drawdown after 4 hrs.

Temperature of water Was a chemical analysis made? Yes [ ] No [ ]

Was electric log made of well? Yes [ ] No [X] If yes, attach copy

(11) WELL LOG:

Total depth ft. Depth of completed well ft.

Formation: *Describe by color, character, size of material, and structure*

ft. to	ft.	
100	114	Sand
114	130	Clay
130	148	Sand
148	154	Clay
154	170	Sand
170	180	Clay
180	195	Sand
195	200	Clay
200	205	Sand
205	215	Clay
215	230	Sand
230	255	Clay
255	260	Sand
260	270	Clay
270	277	Sand
277	295	Clay
295	305	Sand
305	315	Clay
315	335	Sand
335	340	Clay
340	376	Sand
376	390	Clay
390	402	Sand
402	420	Clay
420	424	Sand
424	430	Clay
430	434	Sand
434	456	Clay
456		

UNCONFINED

CONFIDENTIAL
Water Code Sec. 13752

Work started 19 , Completed 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Jerry C Well Drilling
(Person, firm, or corporation) (Typed or printed)

Address PO Box 787 Corcoran Cal

[SIGNED] _____
(Well Driller)

License No. 144440 Dated Oct 20, 1970

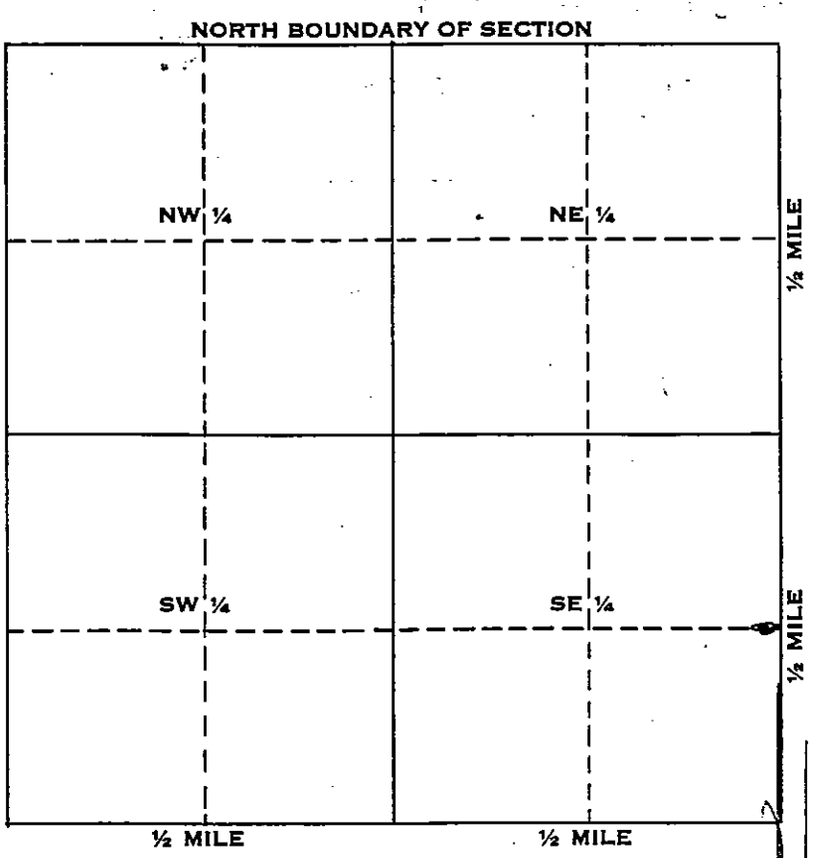
SKETCH LOCATION OF WELL ON REVERSE SIDE

DWR 188 (REV. 9-65)

No. N.I.

56391-950 10-65 50M TRIP ① △ OSP

WELL LOCATION SKETCH



Township 22 S N/S

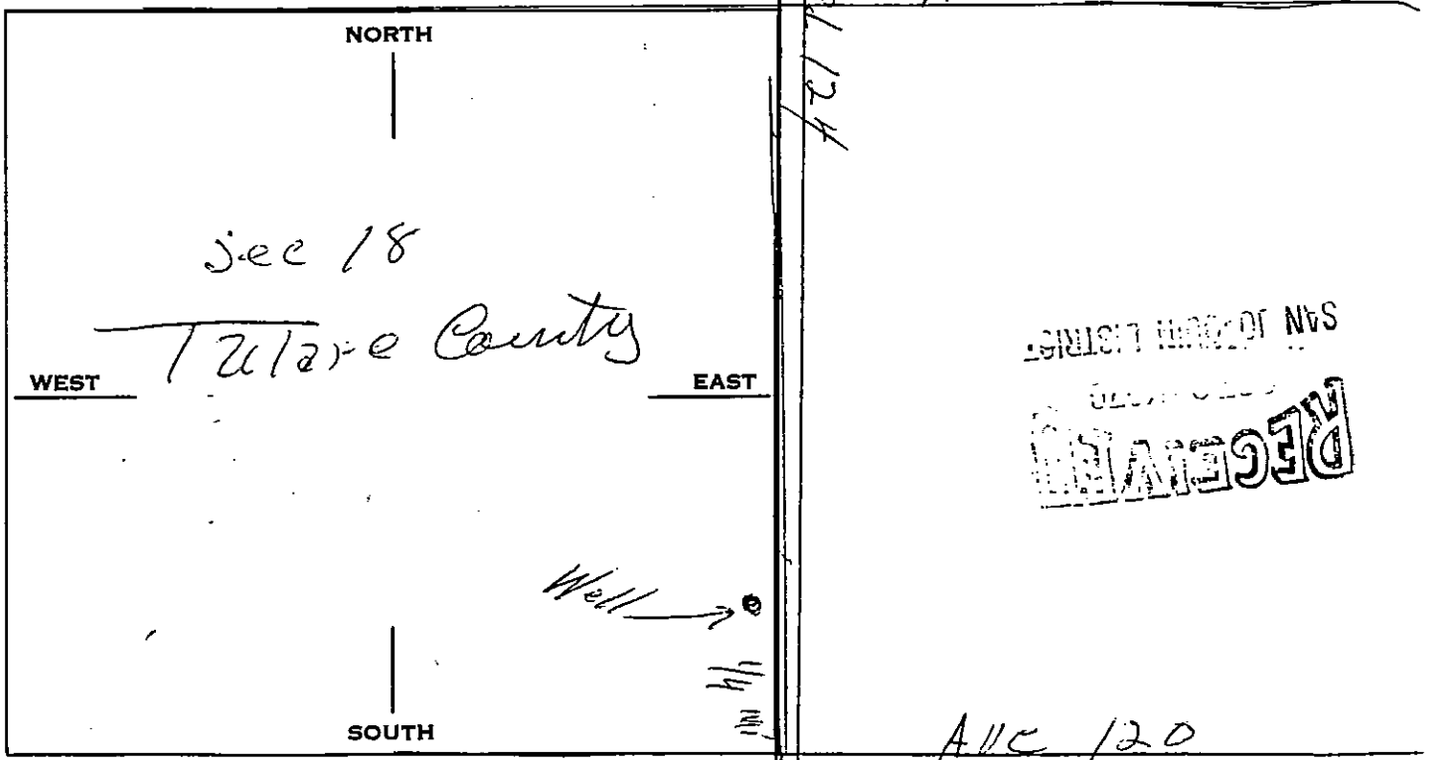
Range 23 E E/W

Section No. 18

Tulare Co

A. Location of well in sectionized areas.
Sketch roads, railroads, streams, or other features as necessary.

Ave 128



B. Location of well in areas not sectionized.
Sketch roads, railroads, streams, or other features as necessary.
Indicate distances.

ORIGINAL
File with DWR

Page ___ of ___
Owner's Well No. ___
Date Work Began ___, Ended ___
Local Permit Agency ___
Permit No. ___ Permit Date ___

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 458715

DWR USE ONLY — DO NOT FILL IN
21S/24E/19
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER 88 (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	11	L.B.Clay
11	15	Fine Sand
15	25	L.B.Clay
25	31	Coarse Sand
31	68	L.B.Clay
68	72	Med Sand
72	88	L.B.Clay
88	96	Fine Sand(water)
96	102	Med Coarse Sand
102	108	L.B.CLAY
108	114	Med Sand
114	116	L.CLAY
116	124	Coarse Sand
124	142	L.B.Clay
142	145	Coarse Sand
145	165	Brown Clay
165	168	Coarse Sand
168	173	Brown Clay
173	185	Med Coarse Sand
185	190	Brown Clay
190	206	Med Coarse Sand
206	230	L.B.Clay
230	235	Blue Clay

TOTAL DEPTH OF BORING 235 (Feet)
TOTAL DEPTH OF COMPLETED WELL 235 (Feet)

WELL OWNER

Name G.J. te VELDE RANCH
Mailing Address 5850 Ave 160
Tipton,Ca. 93272
CITY STATE ZIP

WELL LOCATION

Address ½ mi. north of ave 160 on Rd.64,
City west side of rd.,south side of tule
County Tulare, Tipton
APN Book 200 Page 160 Parcel 016
or Township 21s Range 24e Section 19
or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING
WATER SUPPLY
___ Domestic
___ Public
XX Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD CABLE FLUID ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 86 (Ft.) & DATE MEASURED 12/29/95
ESTIMATED YIELD* 250 (GPM) & TEST TYPE Air
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN 6 (Ft.)
* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	228	14	X				Cal.Weld	14	10	
							½"x4"x14" Steel Shoe			
163	208						Mills Perf.			¼"x3"

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	20	x			

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Roger L. Nation
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

26521 South Mooney Blvd. Visalia,Ca. 93277
ADDRESS CITY STATE ZIP

Signed Roger L. Nation
WELL DRILLER/AUTHORIZED REPRESENTATIVE

12/30/95
DATE SIGNED

259884
C-57 LICENSE NUMBER

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL

File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 165525

State Well No. 21/29-29

Other Well No.

Notice of Intent No.

Local Permit No. or Date

(1) **OWNER:** Name ROBERT HARLEY
Address 7234 Ave 144
City TIPTON, CA. Zip

(2) **LOCATION OF WELL** (See instructions):
County TULARE Owner's Well Number
Well address if different from above
Township Range Section
Distance from cities, roads, railroads, fences, etc. ½ mi. south of Ave 160 on Rd. 80, 75' west side of road north side of ditch bank.

WELL LOCATION SKETCH

(3) **TYPE OF WORK:**
New Well [X] Deepening [ ]
Reconstruction [ ]
Reconditioning [ ]
Horizontal Well [ ]
Destruction [ ] (Describe destruction materials and procedures in Item 12)

(4) **PROPOSED USE:**
Domestic [ ]
Irrigation [X]
Industrial [ ]
Test Well [ ]
Stock [ ]
Municipal [ ]
Other [ ]

(5) **EQUIPMENT:**
Rotary [ ] Reverse [ ]
Cable [X] Air [ ]
Other [ ] Bucket [ ]

(6) **GRAVEL PACK:**
Yes [ ] No [X] Size
Diameter of bore
Packed from to ft.

(7) **CASING INSTALLED:**
Steel [X] Plastic [ ] Concrete [ ]

From ft.	To ft.	Dia. in.	Gage or Wall
0	184	14	10
½x4x14"	Steel Shoe		

(8) **PERFORATIONS:** Mills
Type of perforation or size of screen

From ft.	To ft.	Slot size
132	175	½x3

(9) **WELL SEAL:**
Was surface sanitary seal provided? Yes [ ] No [X] If yes, to depth ft.
Were strata sealed against pollution? Yes [ ] No [X] Interval ft.
Method of sealing

(10) **WATER LEVELS:**
Depth of first water, if known 50 ft.
Standing level after well completion 44 ft.

(11) **WELL TESTS:**
Was well test made? Yes [X] No [ ] If yes, by whom? N ation
Type of test Pump [ ] Bailer [ ] Air lift [X] 50
Depth to water at start of test 44 ft. At end of test ft
Discharge 250 gal/min after hours Water temperature
Chemical analysis made? Yes [ ] No [X] If yes, by whom?
Was electric log made? Yes [ ] No [X] If yes, attach copy to this report

(12) **WELL LOG:** Total depth 220 ft. Depth of completed well 220 ft.

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	25	L.B.Clay
25	32	Coarse Sand
32	46	L.B.Clay
46	53	Med Sand (water)
53	54	Soft Clay
54	62	Coarse Sand
62	95	L.B.Clay
95	98	Coarse Sand
98	100	Soft Clay
100	102	Coarse Sand
102	104	Soft Sandy Clay
104	107	Coarse Sand
107	133	L.B.Clay
133	157	Coarse Sand
157	161	L.B.Sandy Clay
161	173	Coarse Sand & Sandstones
173	190	L.B.Clay
190	194	Med Sand
194	220	L.B.Clay

UNCONFINED

Work started 10/19 19 87 Completed 11/6 19 87

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

SIGNED Roger L. Nation (Well Driller)

NAME ROGER L. NATION (Person, firm, or corporation) (Typed or printed)

Address P.O. BOX 216

City IVANHOE, CA. Zip 93235

License No. 259884 Date of this report 11/6/87

DWR 188 (REV. 7-76) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

WATER WELL DRILLERS REPORT

(Sections 7079, 7080, 7081, 7082, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Do Not Fill In

No 30891

State Well No.

Other Well No. 22S/23E-15

(1) OWNER:

Name Bos Well Co

Address 710 Bainum Ave

Corcoran

(2) LOCATION OF WELL:

County Tulare Owner's number, if any

Township, Range, and Section Sec 15 - T22S - R23E

Distance from cities, roads, railroads, etc. 80ft N of Ave 120 and 1¼ miles E of Hiway 43

(3) TYPE OF WORK *(check)*:

New Well [X] Deepening [ ] Reconditioning [ ] Destroying [ ]

If destruction, describe material and procedure in Item 11.

(4) PROPOSED USE *(check)*:

Domestic [X] Industrial [ ] Municipal [ ]

Irrigation [ ] Test Well [ ] Other [ ]

(5) EQUIPMENT:

Rotary [X]

Cable [ ]

Other [ ]

(6) CASING INSTALLED:

STEEL: OTHER:

SINGLE [ ] DOUBLE [ ]

From ft.	To ft.	Diam.	Gage or Wall
0	420	14 10	1/4

If gravel packed

Diameter of Bore	From ft.	To ft.
26	0	420

Size of shoe or well ring:

Size of gravel:

Describe joint

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
240	420	4	12	1/8 Louv

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes [ ] No [ ] To what depth ft.

Were any strata sealed against pollution? Yes [X] No [ ] If yes, note depth of strata

From 0 ft. to 50 ft.

From ft. to ft.

Method of sealing Cemete

(9) WATER LEVELS:

Depth at which water was first found, if known ft.

Standing level before perforating, if known ft.

Standing level after perforating and developing ft.

(10) WELL TESTS:

Was pump test made? Yes [X] No [ ] If yes, by whom? Wilson

Yield: 1500 gal./min. with 38 ft. drawdown after 4 hrs.

Temperature of water Was a chemical analysis made? Yes [ ] No [ ]

Was electric log made of well? Yes [ ] No [X] If yes, attach copy

(11) WELL LOG:

Total depth ft. Depth of completed well ft.

Formation: *Describe by color, character, size of material, and structure*

ft. to	ft.	
160	171	Clay
171	179	Sand
179	184	Clay
184	200	Sand
200	212	Clay
212	217	Sand
217	226	Clay
226	234	Sand
234	239	Clay
239	245	Sand
245	261	Clay
261	266	Sand
266	277	Clay
277	298	Sand
298	314	Clay
314	324	Sand
324	328	Clay
328	340	Sand
340	348	Clay
348	352	Sand
352	355	Clay
355	368	Sand
368	398	Clay
398	407	Sand
407	412	Clay
412	424	Sand

UNCONFINED

CONFIDENTIAL
Water Code Sec. 13752

Work started 19 , Completed 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Terry's Well Drilling
(Person, firm, or corporation) (*Typed or printed*)

Address Box 787 Corcoran Cal

[SIGNED] (*Well Driller*)

License No. 144990 Dated 10-20, 1970

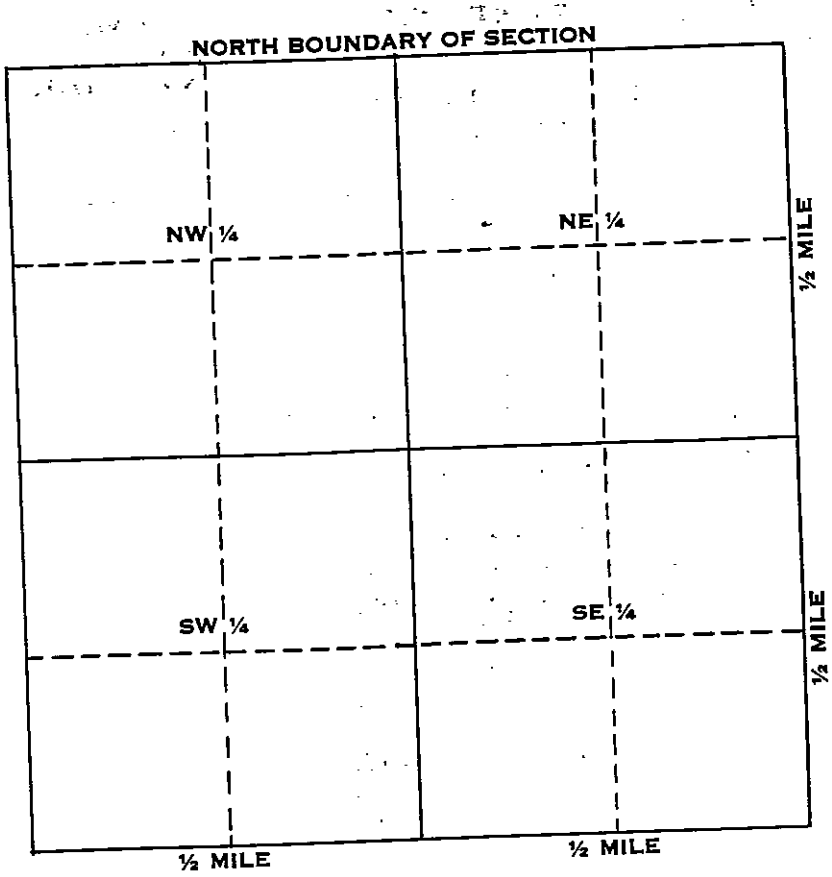
SKETCH LOCATION OF WELL ON REVERSE SIDE

DWR 188 (REV. 9-65)

No N.I.

56391-950 10-65 50M TRIP ① △ OSP

WELL LOCATION SKETCH

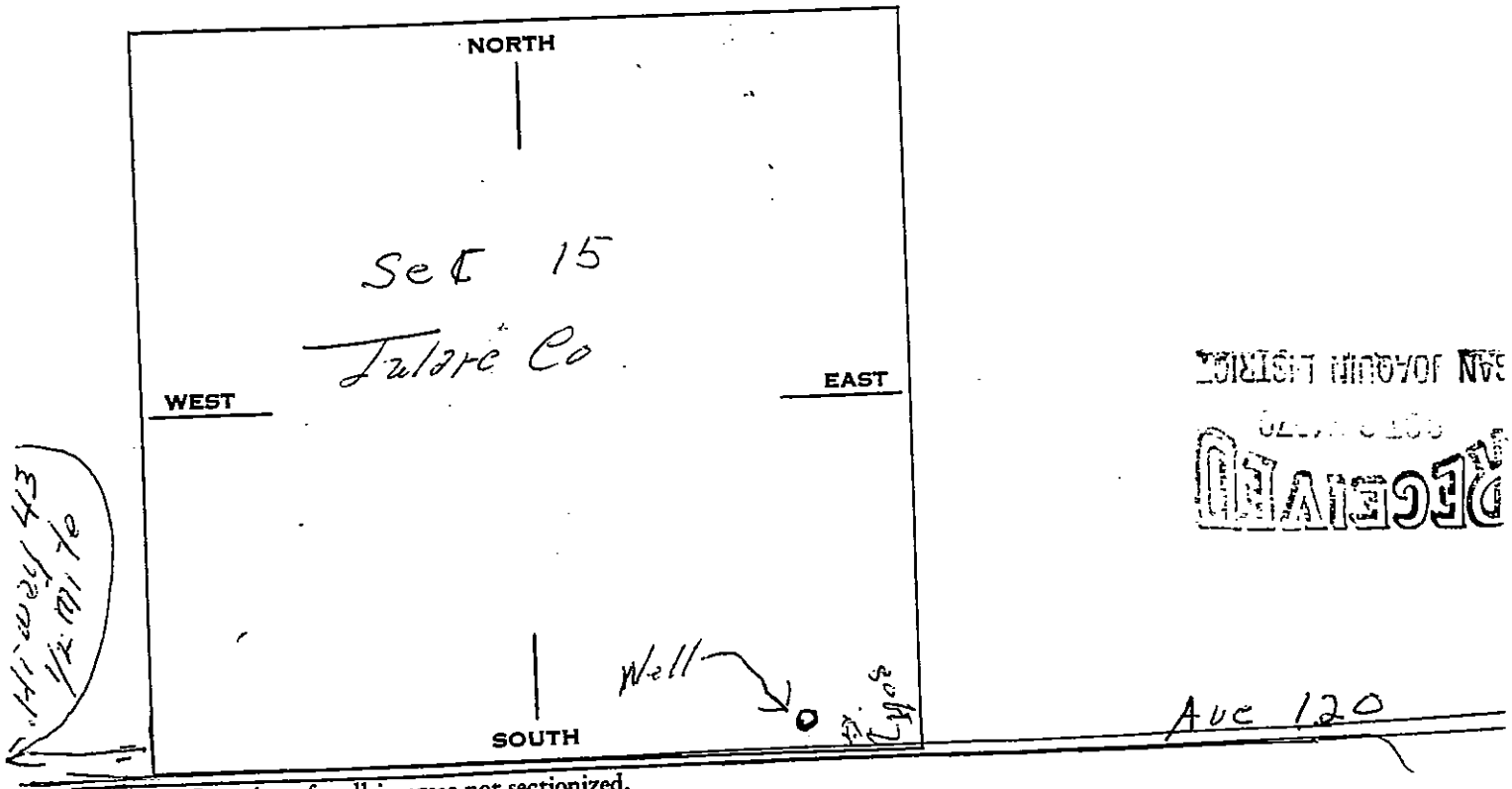


Township 22 S N/S

Range 23 E E/W

Section No. 15

A. Location of well in sectionized areas.
Sketch roads, railroads, streams, or other features as necessary.



B. Location of well in areas not sectionized.
Sketch roads, railroads, streams, or other features as necessary.
Indicate distances.

22/24-6L

ORIGINAL
File with DWR

WATER WELL DRILLERS REPORT

(Sections 7079, 7080, 7081, 7082, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Do Not Fill In

Nº 23071

State Well No. _____

Other Well No. 22/24-6

(1) OWNER:

Name Los Feliz Ranch

Address R1 - Box 321 Tipton Cal.

(2) LOCATION OF WELL:

County Tulare Owner's number, if any #6I

Township, Range, and Section S 6 - R 24 E - T 22 S

Distance from cities, roads, railroads, etc. 1/2 mile SW of AVE 144 & RD 72 Intersection

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Destroying ☐

If destruction, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☒

Cable ☐

Other ☐

(6) CASING INSTALLED:

STEEL: OTHER:

SINGLE ☐ DOUBLE ☐

From ft.	To ft.	Diam.	Gage or Wall
0	466	16	1/4

If gravel packed

Diameter of Bore	From ft.	To ft.
27	0	460

Size of shoe or well ring:

Size of gravel:

Describe joint

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
160	360	24	2	1/8

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes ☐ No ☐ To what depth ft.

Were any strata sealed against pollution? Yes ☐ No ☒ If yes, note depth of strata

From ft. to ft.

From ft. to ft.

Method of sealing

(9) WATER LEVELS:

Depth at which water was first found, if known ft.

Standing level before perforating, if known ft.

Standing level after perforating and developing ft. 110

(10) WELL TESTS:

Was pump test made? Yes ☐ No ☒ If yes, by whom?

Yield: 1600 gal./min. with 50 ft. drawdown after hrs.

Temperature of water Was a chemical analysis made? Yes ☐ No ☐

Was electric log made of well? Yes ☐ No ☒ If yes, attach copy

(11) WELL LOG:

Total depth ft. Depth of completed well ft.

Formation: *Describe by color, character, size of material, and structure*

ft. to	ft.	Formation
100	111	Clay
111	123	Sand
123	135	Clay
135	141	Sand
141	144	Clay
144	148	Sand
148	170	Clay
170	177	Sand C.
177	188	Clay
188	194	Sand C.
194	219	Clay
219	228	Sand C.
228	233	Clay
233	238	Sand C.
238	251	Clay
251	254	Sand C.
254	256	Clay
256	258	Sand C.
258	267	Clay
267	275	Sand C.
275	284	Clay
284	293	Sand C.
293	304	Clay
304	308	Sand C.
308	310	Clay
310	316	Sand M. + F.
316	324	Clay
324	330	Sand M.
330	334	Clay
334	340	Sand F.
340	345	Clay
345	360	Sand C.

CONFIDENTIAL
Water Code Sec. 7080

Work started 19 , Completed 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Terry's Well Drilling
(Person, firm, or corporation) (Typed or printed)

Address 2125 Van Dorsten
Corcoran

[SIGNED] _____
(Well Driller)

License No. 440990 Dated Aug 31, 1966

SKETCH LOCATION OF WELL ON REVERSE SIDE

EP-5

EP-5

PROPERTY LOCATED I MILE EAST OF PORTERVILLE

Date drilling completed Oct. I7th. I934

Depth of well I54 ft.

Depth of caseing I54 ft.

Water level 60 ft.

I45 ft. of I4 gage I2 ineh single collar hard red ~~steel~~ caseing

I/2 X 8 shoe

Depth perforated 60 to I44 ft.

Penetration record

From	To	Type of formation
68	II9	Coarse
II9	I35	Clay. Rocky
I35	I52	Sand and Bolders
I52	I54	Black Rock

Driller; Hickman

9765-C

Well 21

MYERS BROTHERS, Inc.

Reverse Circulation Rotary Gravel Pack Well Log
8650 E. Lacey Blvd. — Hanford, California — Phone 582-9031

Dates:
Started: 11-16-67
Completed: 11-23-67
Driller Simmers
Well No. TH 21

CUSTOMER CITY OF PORTERVILLE CITY - 21

ADDRESS

WELL LOCATION CORNER OF HARRISON & HOCKETT STS. PORTERVILLE. TULARE Co.

Industrial ☐
Domestic ☐
Irrigation ☐
Other ☐

TYPE OF WORK

1. Hole Size 5 5/8"
2. Casing Dia.
3. Casing Thickness
4. Blank Casing
5. Perforation
6. Type of Perforation
7. Depth 280'
8. Gravel Tops
9. Gravel size

EXTRAS

1. Hole Size
2. Conductor Pipe Size
3. Depth
4. Cement Yds.

Remarks:

GOT WATER SAMPLES WITH SUBMERSIBLE PUMP. 138-143' & 179-184'
FILLED HOLE WITH CUTTINGS 280'-100'
PUT IN 15 BAGS BENTONITE
HOLE PLUG 100'-20'
PUMPED IN CEMENT & BENTONITE 20'-0'

STRATA INFORMATION

BROWN CLAY	Ft. 0	to Ft. 7
SAND	Ft. 7	to Ft. 16
ROCKS & GRAVEL	Ft. 16	to Ft. 31
SAND, STRINGERS BROWN CLAY	Ft. 31	to Ft. 44
BROWN CLAY	Ft. 44	to Ft. 72
RED CLAY	Ft. 72	to Ft. 101
BROWN CLAY	Ft. 101	to Ft. 130
COARSE SAND	Ft. 130	to Ft. 137
BROWN CLAY	Ft. 137	to Ft. 143
SAND	Ft. 143	to Ft. 150
BROWN CLAY	Ft. 150	to Ft. 152
SAND	Ft. 152	to Ft. 161
ROCKS	Ft. 161	to Ft. 165
SAND	Ft. 165	to Ft. 166
ROCKS & SAND	Ft. 166	to Ft. 174
SAND, SMALL STRINGERS BR. CLAY	Ft. 174	to Ft. 187
BROWN CLAY	Ft. 187	to Ft. 215
BR. CLAY & SAND STRINGERS	Ft. 215	to Ft. 217
SAND	Ft. 217	to Ft. 221
BROWN CLAY	Ft. 221	to Ft. 225
HARD BR. CLAY, ROCK STRINGERS	Ft. 225	to Ft. 257
HARD BLUE ROCK	Ft. 257	to Ft. 258
MED. HARD BROWN ROCK	Ft. 258	to Ft. 263
HARD GREEN ROCK	Ft. 263	to Ft. 280
	Ft.	to Ft.
	Ft.	to Ft.
	Ft.	to Ft.
	Ft.	to Ft.

FD

LSD Elev 471 23/27-3D1 46-1022 0

U.S. DEPARTMENT OF THE INTERIOR - BUREAU OF RECLAMATION - REGION II

SAN LUIS

23/27-3D1

County Tulare Owner U.S.B.R. U.S.B.R. No. 23-27-3
Dist. Use Exploratory & Observation Local No. Sanger 5
Quad. Ducor Driller C. Hopkins & Hill Kordale 11-10-47
Location 23-27-3 (0.01-0.99E) 57' E and 28.5' S of NE Cor. of S 3, T 23, R 27

Surf. Elev. 471.0 Groundwater Elev. Date
Depth 172.5 Groundwater Elev. Date
Yield Aquifers 280'
Drawdown Artesian head Date
Casing 3" x 172.5' Perf. alternate 2" Sand-Gravel
10' Lengths from 26' to 172.5
Source of data Logan Type drill Core Drill Diam. hole 4½"

Depth	Elev.	Thick	Description
0	471	20	Chocolate brown slightly calcareous silty loam with 15% scattered angular sand grains to 3mm, relatively impermeable.
2	469	4.5	Brown ill-sorted calcareous sandy clay loam; sand angular arkosic ranging to 1mm, streaks of white calcareous material Low permeability.
6.5	464.5	3.5	Reddish-brown ill-sorted subangular friable arkosic sandy loam; sand, av. 0.1mm, max. 3mm; 20% red silt and clay matrix, low perm.
10	461	7.3	Reddish-brown loose to friable ill-sorted subangular arkosic coarse sand, av. 0.5mm, max. 5mm, with much silty material, grains slightly coated with red clay, perm.
17.3	453.5	1.7	Tan firm fairly well sorted, silty clay loam, areas of white calcareous material, manganese stains, rel. imperm.
19	452.	6.8	Tan firm, ill-sorted, subangular arkosic coarse sand, av. 0.5mm, max. 4mm, 20% silt and clay matrix, rel. perm.
25.8	445.2	2.2	Tan friable fairly well sorted, silty loam with 5% sand, manganese stains. Top 6" red plastic impermeable clay, low permeability.
28	443	8.5	Tan friable to loose well sorted arkosic sandy silt; sand, av. 0.1 mm, max. 0.5mm, mafics 5%, prominent biotite flakes to 0.5mm, rel. perm.
36.5	434.5	15.0	Loose subangular poorly sorted arkosic coarse gravel; av. 3mm, max. 15mm, occasionally 50 mm; grading down to fine sand, some scattered lenses with micaceous silt and fine sand as matrix, predominently granitic materials also fine-grained basics, very perm.
51.5	419.5	3.	Loose subangular - subround cobbles; min 20mm, max. 40mm, composition as above, matrix of coarse sand largely lost in drilling, very perm.
54.5	416.5	3.5	Coarse gravel as 36.5 - 51.5
58	413	10	Tan firm fairly well sorted, silty loam, 10% sand ranging to max. of 0.4mm, clay filled tubular openings, mafics 5% , biotite prominent, low permeability.
68	403	6.2	Tan loose angular well sorted fine sand, av. 0.2 mm, max. 1mm, 10% silt, mafics 5%, perm.
74.2	396.8	8.3	Reddish-brown clay with many fractues fine tubular openeings and manganese stains, rel. imperm.

23/27-3D1

(2)

U.S.DEPARTMENT OF THE INTERIOR - BUREAU OF RECLAMATION - REGION II

TEST HOLE LOG

County Tulare | Owner | U.S.B.R. No. 23-27-3
Dist. | Use | Local No. Sanselito 5
Quad. Ducor | Driller | Date 11.10.47
Location 23-27-3 (0.01-0.995)

Surf.Elev. | Groundwater Elev. | Date
Depth | Groundwater Elev. | Date
Yield | Aquifers
Drawdown | Artesian head | Date
Casing | % Sand-Gravel

Source of data | Type drill | Diam. hole

Depth	Elev.	Thick	Description
82.5	388.5	5	Tan firm fairly well sorted micaceous sandy silt; sand 20% ranging to 1mm, low permeability.
87.5	383.5	8.5	Tan firm fairly well sorted silty loam; 10% sand chiefly quartz ranging to 0.5mm, many fine tubular openings; manganese stains, rel. imperm.
96	375	3	Tan firm clay with 30% scattered sand & pebbles arkosic ranging to 7mm, tubular openings and manganese stains, rel. imperm.
99	372	3	Tan firm poorly sorted sandy silt; sand angular arkosic, ranging to max. of 2mm, tubular openings, manganese stains, low perm.
102	369	8.5	Tan firm silty loam, as 85.7 - 96.
110.5	360.5	8	Tan loose fairly well sorted, subangular arkosic coarse sand, av. 0.5mm, max. 3mm, pebble 15 mm, 15% silt & clay decomposition product matrix, relatively permeable.
118.5	352.5	4.0	Reddish-brown firm clay with 10% angular arosic sand grains to 1mm, slickensides, manganese stains, rel. imperm.
122.5	348.5	9.5	Tan firm sitly loam, as 87.5 - 96 with thin streaks, of white clay, rel. imperm.
132	339	7.5	Tan firm clay loam; 30% sand subangular arkosic, to max. of 2mm. Tubular openings, manganese stains, rel. imperm.
139.5	331.55	1.5	Brown friable ill-sorted arkosic sandy loam; sand ave. 0.2mm, max. 3mm, many tubular openings, low perm.
141	330	4	Reddish-brown clay as 118.5 - 122.5
145	326	3	Tan silty loam as 87.5 - 96
148	323	5	Tan firm clay with many fractures abundant manganese stains, many thin seams of white clay, 10% scattered angular sand grains to 0.5mm, relatively impermeable.
[illegible]			
153	318	3.3	Tan silty loam as 87.5 - 96
156.3	314.7	1.7	Tan frieble angular poorly sorted arkosic medium sandy loam; 30% silt and clay matrix relatively permeable.
158	313	3	Tan firm silty loam; 5% sand grains, chiefly quartz to 0.2 mm, small openings, manganese stains, low perm.

23/27-3D1

(3)

U.S.DEPARTMENT OF THE INTERIOR - BUREAU OF RECLAMATION - REGION II
WELL LOG

County Solano — Owner — U.S.B.R. No. 23-27-3
Dist. — Use — Local No. Saucelito 5
Quad. Dixon — Driller — Date 11-10-47
Location 23-27-3 (0.01-0.995) 53' E & 22.5' S of NW Cor. S 3, T 23 R 27

Surf.Elev. — Groundwater Elev. — Date
Depth — Groundwater Elev. — Date
Yield — Aquifers
Drawdown — Artesian head — Date
Casing — % Sand-Gravel

Source of data — Type drill — Diam. hole

Depth	Elev.	Thick	Description
161	310	4.2	Reddish-brown firm clay with many fractures & manganese stains. 10% angular sand grains to 1mm; white feldspars very prominent, relatively impermeable.
165.2	305.8	2.7	Tan silty loam as 87.5 - 96 but with 20% sand
167.9	303.1	4.6	Tan loose subang. fairly well sorted arkosic coarse sand, av. 0.6mm, max. 3mm; 15% white silty clay, decomposition product matrix, permeable.
172.5	298.5		Bottom

Note; Above core examined while very dry. As materials were found in place, indurations were much different than here noted.

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 258421

State Well No. 22/27-4

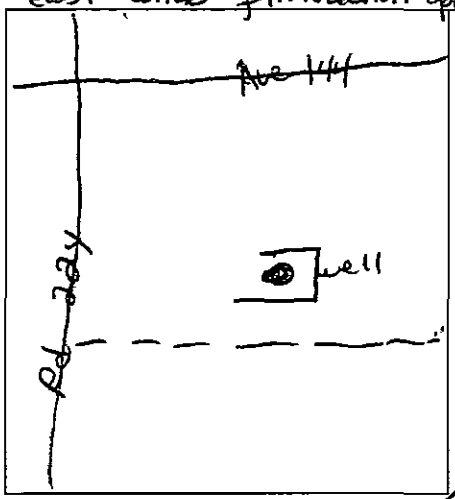
Notice of Intent No. _____

Local Permit No. or Date _____

Other Well No. _____

(1) OWNER: Name Jess Blasingame,
Address 22156 Ave 152
City Porterville, Ca. ZIP 93257

(2) LOCATION OF WELL (See instructions):
County Tulare Owner's Well Number _____
Well address if different from above 22511 Ave 144
Township 22S Range 27E Section 4
Distance from cities, roads, railroads, fences, etc. Approximately 2 miles southwest of Porterville to intersection of Ave 144 + Rd 234 in southeast corner of intersection approx 250 feet S.E. of West



WELL LOCATION SKETCH

(3) TYPE OF WORK:
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:
Domestic ☒
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☐
(Describe)

(5) EQUIPMENT:
Rotary ☐ Reverse ☐
Cable ☒ Air ☐
Other ☐ Bucket ☐

(6) GRAVEL PACK:
Yes ☐ No ☒ Size: _____
Diameter of bore _____
Packed from _____ ft. to _____ ft.

(7) CASING INSTALLED:
Steel ☒ Plastic ☐ Concrete ☐

From ft.	To ft.	Dia. in.	Gage or Wall
0	140	8	12

(8) PERFORATIONS:
Type of perforation or size of screen

From ft.	To ft.	Slot size
104	140	18x4

(9) WELL SEAL:
Was surface sanitary seal provided? Yes ☐ No ☒ If yes, to depth _____ ft.
Were strata sealed against pollution? Yes ☐ No ☒ Interval _____ ft.
Method of sealing _____

(10) WATER LEVELS:
Depth of first water, if known 32 ft.
Standing level after well completion 32 ft.

(11) WELL TESTS:
Was well test made? Yes ☐ No ☐ If yes, by whom? Lott Drilling,
Type of test Pump ☐ Bailer ☐ Air lift ☒
Depth to water at start of test 32 ft. At end of test 60 ft.
Discharge 100 gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____
Was electric log made Yes ☐ No ☒ If yes, attach copy to this report

(12) WELL LOG: Total depth 156 ft. Completed depth 156 ft.

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	2	hard clay.
2	3	hardpan
3	32	sandy clay.
32	44	sand
44	84	rock, gravel, cobbles.
84	104	sandy clay.
104	140	joint clay.
140	150	hard clay.
150	156	gravel + joint clay.

Work started 3-24 19 88 Completed 3-31 19 88

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Signed _____ (Well Driller)
NAME Lott Drilling Co. (Person, firm, or corporation) (Typed or printed)
Address 1593 Joyce Circle
City Tulare Ca. ZIP 93274
License No. 398407 Date of this report 4-8-88

OUTSIDE CORC. CLAY AREA

DWR 188 (REV. 12-86) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM 86 96355

22/26-17A1

22/26-17A1

Peppino well #

345 Hole

90 ft. 16". Casing

155 ft. 12" "

245

Set 12-50 (190')

BOLSEY PORTABLE MICROFILMER

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e064534

Page 1 of 3

Owner's Well Number 1

Date Work Began 11/05/2007 Date Work Ended 11/7/2007

Local Permit Agency TULARE COUNTY EHD

Permit Number 07-0532 Permit Date 11/1/07

DWR Use Only – Do Not Fill In

21S/27E-36

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method MUD ROTARY Drilling Fluid BENTONITE

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	20	SAND, FINE TO COARSE GRAINS
20	50	COBBLE
50	55	SAND, FINE TO COARSE GRAINS
55	70	COBBLE
70	75	SAND, FINE TO COARSE GRAINS
75	80	COBBLE
80	100	SAND, FINE TO COARSE GRAINS
100	115	COBBLE
115	138	BROWN SILTY CLAY, FINE TO COARSE GRAINS

Total Depth of Boring 138 Feet

Total Depth of Completed Well 138 Feet

Well Owner

Name VINCENT JUROVICH

Mailing Address PO BOX 408

City PORTERVILLE State CA Zip 93258

Well Location

Address 474 S. MAIN

City PORTERVILLE County Tulare

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 261 Page 070 Parcel 003

Township 21S Range 27E Section 36

Location Sketch

(Sketch must be drawn by hand after form is printed.)

North

West see attached East

South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

◉ New Well
○ Modification/Repair
○ Deepen
○ Other
○ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

◉ Water Supply
☐ Domestic ☐ Public
☐ Irrigation ☑ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water 55 (Feet below surface)

Depth to Static Water Level 29 (Feet) Date Measured 11/9/07

Estimated Yield * 24.7 (GPM) Test Type Sub. pump

Test Length 24.0 (Hours) Total Drawdown 110 (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
0	58	12.25	BLANK	PVC	SDR17			
58	138	12.25	SCREEN	PVC	SDR17		MILLED SLO	0.032

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	50	CEMENT	GROUT
50	138	GRAVEL	3/8" ROCK

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☑ Other LOCATION MAP

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name CONSOLIDATED TESTING LABS., INC.

Person, Firm or Corporation

603 E. WORTH AVENUE Address PORTERVILLE City CA State 93257 Zip

Signed [signature] C-57 Licensed Water Well Contractor 11-19-07 Date Signed 544541 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL

File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 085866

State Well No. 21/27-24

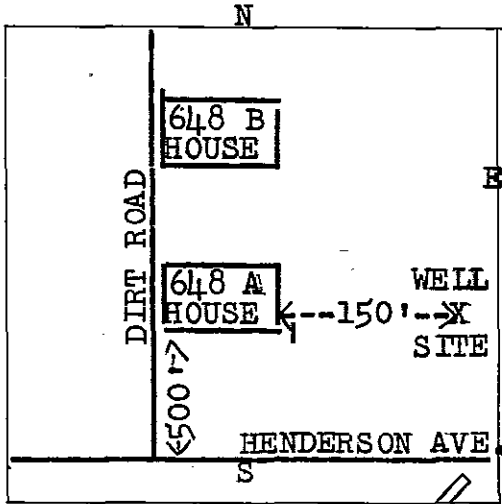
Other Well No.

Notice of Intent No.

Local Permit No. or Date

(1) OWNER: Name DENNIS & TYNES
Address 1181 W. PUTNUM
City PORTERVILLE, CALIF. Zip 93257

(2) LOCATION OF WELL (See instructions):
County TULARE Owner's Well Number
Well address if different from above
Township Range Section
Distance from cities, roads, railroads, fences, etc. 150 FT. EAST OF 648 A EAST HENDERSON, PORTERVILLE



WELL LOCATION SKETCH

(3) TYPE OF WORK:
New Well [X] Deepening [ ]
Reconstruction [ ]
Reconditioning [ ]
Horizontal Well [ ]
Destruction [ ] (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:
Domestic [ ]
Irrigation [X]
Industrial [ ]
Test Well [ ]
Stock [ ]
Municipal [ ]
Other [ ]

(5) EQUIPMENT:
Rotary [ ] Reverse [ ]
Cable [X] Air [ ]
Other [ ] Bucket [ ]

(6) GRAVEL PACK:
Yes [ ] No [X] Size
Diameter of bore
Packed from to ft.

(7) CASING INSTALLED:
Steel [X] Plastic [ ] Concrete [ ]

From ft.	To ft.	Dia. in.	Gage or Wall
0	152	18	10

(8) PERFORATIONS: FACTORY
Type of perforation or size of screen

From ft.	To ft.	Slot size
124	148	1" X 1/4"

(9) WELL SEAL:
Was surface sanitary seal provided? Yes [ ] No [X] If yes, to depth ft.
Were strata sealed against pollution? Yes [ ] No [X] Interval ft.
Method of sealing PUMP CO. PROVIDES

(10) WATER LEVELS:
Depth of first water, if known 76 ft.
Standing level after well completion 56 ft.

(11) WELL TESTS:
Was well test made? Yes [ ] No [X] If yes, by whom?
Type of test Pump [ ] Bailer [ ] Air lift [ ]
Depth to water at start of test ft. At end of test ft.
Discharge gal/min after hours Water temperature
Chemical analysis made? Yes [ ] No [X] If yes, by whom?
Was electric log made? Yes [ ] No [X] If yes, attach copy to this report

(12) WELL LOG: Total depth 152 ft. Depth of completed well 152 ft.

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	3	TOP SOIL
3	74	RED CLAY
74	76	GREY CLAY
76	82	GREY ROCK
82	108	GREY CLAY
108	112	GREY ROCK
112	118	GREY CLAY
118	128	GREY ROCK
128	142	GREY CLAY
142	152	1/8" to 1/2 ROCK

OUTSIDE CORC. CLAY AREA

Work started 6-8 19 79 Completed 6-14 19 79

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Signed Arthur Cudeback (Well Driller) RIG #1
NAME STAR WELL DRILLING (Person, firm, or corporation) (Typed or printed)
Address 14583 AVE. 384 RT. #1
City VISALIA, CALIF. Zip 93277
License No. #373338 Date of this report 6-19-79

DWR 188 (REV. 7-76) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

GROUND WATER

23/25-16N4

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No.____
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

1887

LOCATION NOT CHECKED
Do Not Fill In
No 55087
State Well No. 23S/25E-16N4
Other Well No.

(1) OWNER:

Name U. S. Geological Survey Groundwater Branch
Address 2520 Marconi Ave.
Sacramento 21, Calif.

(2) LOCATION OF WELL:

County Tulare Owner's number, if any--
R. F. D. or Street No.
650' West of Southern Pacific R.R.
near 99 Hwy
470' North of Avenue 72

(3) TYPE OF WORK (*check*):

New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (*check*):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [X] Other [ ]

(5) EQUIPMENT:

Rotary [X]
Cable [ ]
Dug Well [ ]

(6) CASING INSTALLED:

SINGLE [X] DOUBLE [ ]
From 0 ft. to 240 ft. 8" Diam. # 12 Gage or Wall

Type and size of shoe or well ring None
Describe joint Belled End, Welded

If gravel packed

Diameter of Bore	from ft.	to ft.
14"	0	250

Size of gravel: Rejects

(7) PERFORATIONS:

Type of perforator used Milled slots
Size of perforations 2- 1/2 in., length, by 1/8 in.

From ft.	to ft.	Perf. per row	Rows per ft.
200	240	8	2

(8) CONSTRUCTION:

Was a surface sanitary seal provided? [ ] Yes [X] No To what depth ft.
Were any strata sealed against pollution? [ ] Yes [X] No If yes, note depth of strata

From ft.	to ft.

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found 115 ft.
Standing level before perforating ft.
Standing level after perforating 115 ft.

(10) WELL TESTS: (Air lift)

Was a pump test made? [X] Yes [ ] No If yes, by whom? Belknap
Yield: 60 gal./min. with 15 ft. draw down after 1 hrs.
Temperature of water Was a chemical analysis made? [ ] Yes [X] No
Was electric log made of well? [ ] Yes [X] No

(11) WELL LOG:

PAGE 1 OF 2

Total depth 250 ft. Depth of completed well Est. 238 ft.

Formation: *Describe by color, character, size of material, and structure.*

0 ft. to 6 ft.		Sand
6 " 16 "		Sandy Clay
16 " 33 "		Coarse Sand
33 " 40 "		Brown Sandy Clay
40 " 43 "		Brown Hardpan
43 " 57 "		Brown Clay
57 " 58 "		Medium Coarse Sand
58 " 59 "		Clay
59 " 64 "		Medium Coarse Sand
64 " 72 "		Hard Clay
72 " 75 "		Coarse Sand
75 " 80 "		Brown Sandy Clay
80 " 84 "		Coarse Sand
84 " 89 "		Brown Clay
89 " 90 "		Coarse Sand
90 " 95 "		Brown Clay
95 " 103 "		Coarse Sand
103 " 107 "		Brown Clay
107 " 110 "		Coarse Sand
110 " 111 "		Brown Clay
111 " 115 "		Coarse Sand
115 " 122 "		Sandy Brown Clay
122 " 125 "		Coarse Sand
125 " 126 "		Brown Clay
126 " 129 "		Coarse Sand
129 " 137 "		Brown Clay
137 " 146 "		Coarse Sand
146 " 153 "		Sandy Brown Clay
153 " 157 "		Coarse Sand
157 " 158 "		Borw Clay
158 " 164 "		Coarse Sand
164 " 168 "		Brown Clay
168 " 170 "		Coarse Sand
170 " 178 "		Brown Sandy Clay
178 " 180 "		Coarse Sand
180 " 181 "		Sandy Brown Clay
181 " 183 "		Coarse Sand
183 " 190 "		Sandy Brown Clay
190 " 201 "		Coarse Sand
201 " 203 "		Sandy Brown Clay
203 " 211 "		Coarse Sand
211 " 218 "		Brown Clay
218 " 219 "		Coarse Sand (OVER)

Work started 6-19-59 19 Completed 6-23-59 19

WELL DRILLER'S STATEMENT: cont-

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Bill Belknap BH
(Person, firm, or corporation) (Typed or printed)
Address 9274 So. Buttonwillow Ave.,
Reedley, Calif.

[SIGNED] Bill Belknap
Well Driller
License No. 106833 Dated 6-26-59, 19

87028 6-57 50M QUIK △ SPO

DWR 188 (REV. 3-54)

23/25-16N4

Page 2 of 2

Log No 55089

U.S.G.S.

TEST WELL

219	221	Sandy Brown Clay
221	225	Coarse Sand -
225	230	Sandy Brown Clay
230	237	Coarse Sand
237	244	Sandy Brown Clay
244	250	Coarse Sand

All strata where no color is designated were logged as being yellow-brown

The bottom of the casing is open and the gravel was allowed to flow into the well on top of an anchor to which a plastic covered wire rope is attached.

25/26-9

DUPLICATE

File Original, Duplicate and Triplicate with the REGIONAL WATER POLLUTION CONTROL BOARD No. 5 (Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

25/26-9N1 (G.S.)

STATE OF CALIFORNIA

102V

LOCATION NOT CHECKED

Do Not Fill In

No 36188

State Well No.

Other Well No. 25/26E-1

(2) LOCATION OF WELL:

County Kern Owner's number, if any—

R. F. D. or Street No.

Sec. 9
Twnshp 25 S
Range 26 E

(3) TYPE OF WORK (check):

New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic [X] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [ ]

(5) EQUIPMENT:

Rotary [X]
Cable [ ]
Dug Well [ ]

(6) CASING INSTALLED:

SINGLE [X] DOUBLE [ ]

From ft.	to ft.	Diam.	Gage or Wall
0	351	8"	12 ga.

If gravel packed

Diameter of Bore	from ft.	to ft.
12½"	0	351

Type and size of shoe or well ring

Size of gravel:

Describe joint

(7) PERFORATIONS:

Type of perforator used Machine

Size of perforations 1" in., length, by 1/8" in.

From ft.	to ft.	Perf. per row	Rows per ft.
276	351		

(8) CONSTRUCTION:

Was a surface sanitary seal provided? [ ] Yes [ ] No To what depth ft.

Were any strata sealed against pollution? [ ] Yes [ ] No If yes, note depth of strata

From ft.	to ft.

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found ft.

Standing level before perforating ft.

Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? [ ] Yes [ ] No If yes, by whom?

Yield: gal./min. with ft. draw down after hrs.

Temperature of water Was a chemical analysis made? [ ] Yes [ ] No

Was electric log made of well? [ ] Yes [ ] No

(11) WELL LOG:

Total depth ft. Depth of completed well ft.

Formation: *Describe by color, character, size of material, and structure.*

ft.	to ft.	
0	5	Top Soil
5	150	Hard Sand
150	240	Clay
240	250	Sand
250	310	Sandy Clay
310	320	Sand
320	351	Clay

Sec. Plat Depicting Location of Section 9 (Not to Scale)

CONFIDENTIAL
Section 7076.1, Water Code

Work started 19 , Completed 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pump Inc. (Person, firm, or corporation) (Typed or printed)

Address 1744 High St.
Delano, Calif.

[SIGNED] Worrell E. Whitten (Well Driller)

License No. 148282 Dated 4/9/ 19 56

31693 2-54 50M QUIN ⓒ BPO DWR FORM NO. 240 (REV. 3-54)

24/25-16B1

ORIGINAL

LOG OF WELL

WHITTEN BROS. DRILLING COMPANY

"The Oldest and Still Best"
DELANO, CALIFORNIA
Well Drilled For

PHONE 2621

SINCE 1913

Name Emmitt Brown

Address Delano, California

Well Started March 6 Well finished March 20 Diameter 12"

Gauge 12-Dble Total Depth 300' Depth to Water Water level 104'

Strata Formation	From Feet	To Feet	Perforated	From Feet	To Feet
Clay	0	187	Perforating well from 120' to 285'		
Sand	187	190			
Clay	190	300			

BOISEY PORTABLE

23/26-28H1 23/26-28H1 (G-5)

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. 5
(Insert appropriate number)

WATER WELL DRILLERS REPORT
(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

1193

LOCATION NOT CHECKED
Do Not Fill In
No 32114
State Well No.
Other Well No. 23S/26E-28

(1) OWNER:
Name L.H. Bendosky
Address P.O. Box 1442
cFarland, California

(2) LOCATION OF WELL:
County Tulare Owner's number, if any—
R. F. D. or Street No.
Section NW¼ 28
Township 23S
Range 26E

(3) TYPE OF WORK (check):
New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):
Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:
Rotary ☒
Cable ☐
Dug Well ☐

(6) CASING INSTALLED:
SINGLE ☒ DOUBLE ☐

From ft.	to ft.	Diam.	Gage or Wall
300 ft.	8" x #	12	

Type and size of shoe or well ring
Describe joint

If gravel packed

Diameter of Bore	from ft.	to ft.
12½	0	300

Size of gravel:

(7) PERFORATIONS:
Type of perforator used Machine
Size of perforations 1/8" x 1" cc in., length, by in.

From ft.	to ft.	Perf. per row	Rows per ft.
190 ft.	to 300 ft.		

(8) CONSTRUCTION:
Was a surface sanitary seal provided? ☐ Yes ☐ No To what depth ft.
Were any strata sealed against pollution? ☐ Yes ☐ No If yes, note depth of strata

From ft.	to ft.
140	160

Method of Sealing Cement plug

(9) WATER LEVELS:
Depth at which water was first found ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No
Was electric log made of well? ☒ Yes ☐ No

(11) WELL LOG:
Total depth 300 ft. Depth of completed well 300 ft.
Formation: *Describe by color, character, size of material, and structure.*

0 ft. to	6 ft.	Top Soil
6 "	24 "	Hard Pan
24 "	100 "	Sandy Clay
100 "	125 "	Sand
125 "	200 "	Yellow Clay
200 "	215 "	Sand
215 "	280 "	Clay
280 "	285 "	Sand
285 "	300 "	Hard Clay

CONFIDENTIAL
Section 7076.1, Water Code

Work started 4/55 19 . Completed 4/55 19

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps Inc.
(Person, firm, or corporation) (Typed or printed)
Address 1744 High St.
Delano, California

[SIGNED] Edward J. Whitten
Well Driller
License No. 148282 Dated 6/6, 1955

DWR FORM No. 246 (REV. 3-54)

Appendix B

Driller's Logs and Hydrographs for Existing Lower Aquifer Wells

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21123-36R1

ORIGINAL
File with DWR

WATER WELL DRILLERS REPORT

(Sections 7079, 7080, 7081, 7082, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Do Not Fill In

No 23051

State Well No. 21S/23E-36R1

Other Well No. 21/23E-36R1

(1) OWNER:

Name J. G. Boswell Co.

Address Po Box 877 Corcoran

(2) LOCATION OF WELL:

County Tulare Owner's number, if any S116

Township, Range, and Section 21S-23E-36

Distance from cities, roads, railroads, etc.

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Destroying ☐

If destruction, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐

Cable ☐

Other ☐

(6) CASING INSTALLED:

STEEL: OTHER:

SINGLE ☒ DOUBLE ☐

From ft.	To ft.	Diam.	Gage or Wall
0	400	18"	3/8"
400	1000	12"	

If gravel packed

Diameter of Bore	From ft.	To ft.
28"	0	1000

Size of shoe or well ring:

Size of gravel: 1/4"

Describe joint welded

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
400	1000	12	24	3/8

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes ☐ No ☐ To what depth ft.

Were any strata sealed against pollution? Yes ☐ No ☒ If yes, note depth of strata

From ft. to ft.

From ft. to ft.

Method of sealing

(9) WATER LEVELS:

Depth at which water was first found, if known ft.

Standing level before perforating, if known ft.

Standing level after perforating and developing ft. 190

(10) WELL TESTS:

Was pump test made? Yes ☒ No ☐ If yes, by whom? Wilson

Yield: 2000 gal./min. from 190 ft. drawdown after hrs.

Temperature of water Was a chemical analysis made? Yes ☐ No ☒

Was electric log made of well? Yes ☒ No ☐ If yes, attach copy

(11) WELL LOG:

Total depth 1000 ft. Depth of completed well ft.

Formation: *Describe by color, character, size of material, and structure*

ft. to	ft.	
200	300	Clay
300	330	Sand
330	390	Clay
390	410	Sand
410	460	Clay
460	475	Sand
475	590	Clay
590	600	Sand
600	620	Clay
620	635	Sand
635	650	Clay
650	660	Sand
660	675	Clay
675	770	Sand
770	810	Clay
810	820	Sand
820	845	Clay
845	850	Sand
850	880	Clay
880	900	Sand
900	930	Clay
930	950	Sand
950	1000	Clay

CONFIDENTIAL
Water Code Sec. 7080

2 wells
Same
¼ mile apart

Work started 19 , Completed 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Terry's Well Drilling
(Person, firm, or corporation) (*Typed or printed*)

Address 2125 Van Dorsten

[SIGNED] (Well Driller)

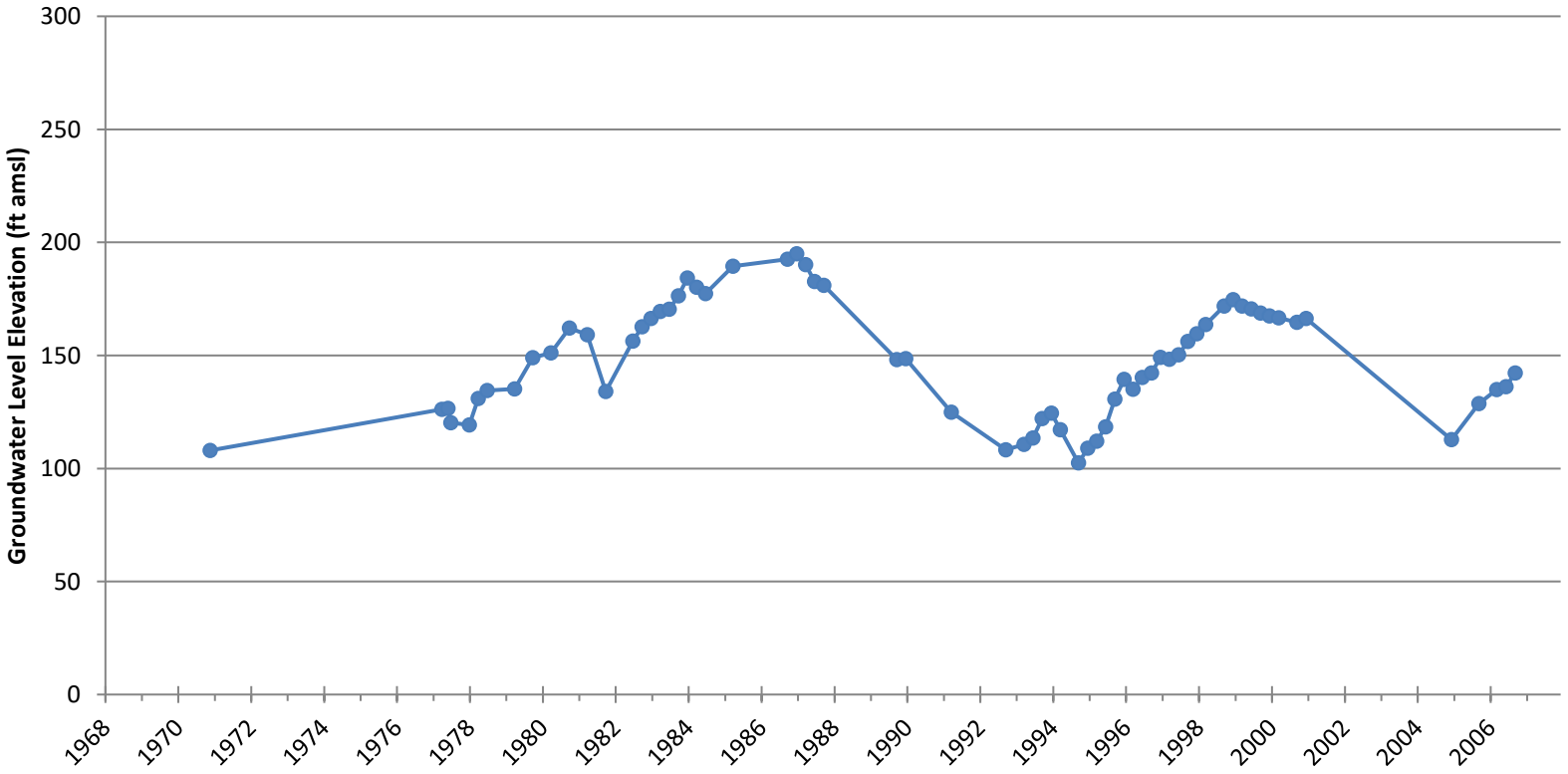
License No. 140990 Dated 11-20, 1966

SKETCH LOCATION OF WELL ON REVERSE SIDE

86391-950 10-65 50M TRIP ① △ OSP

Groundwater Hydrographs - Deep

21S/23E-36R01



22/24-1Q1

LOCATION NOT CHECKED

ORIGINAL - File Original, Duplicate and Triplicate with the REGIONAL WATER POLLUTION CONTROL BOARD No.____ (Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In
No 66984
State Well No.____
Other Well No. 22/24E-1Q1

(1) OWNER:

Name Mrs. C. P. Mauser
Address 447 E/ Poplar Rd.
Porterville, Calif.

(2) LOCATION OF WELL:

County Tulare Owner's number, if any—
R. F. D. or Street No.

(3) TYPE OF WORK (*check*):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (*check*):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☒
Cable ☐
Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐

From ft.	to ft.	Diam.	Gage or Wall
480'		3/16"	Wall
220'		perforated	

Type and size of shoe or well ring
Describe joint 78 ton

If gravel packed

Diameter of Bore	from ft.	to ft.

Size of gravel: 6-20

(7) PERFORATIONS:

Type of perforator used
Size of perforations in., length, by in.
From 480 ft. to 700 ft. Perf. per row Rows per ft.

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.
Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata
From ft. to ft.
Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found 90 ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? ☐ Yes ☒ No
Was electric log made of well? ☐ Yes ☒ No

(11) WELL LOG:

Total depth 720 ft. Depth of completed well 700 ft.
Formation: *Describe by color, character, size of material, and structure.*

0 ft. to	50 ft.	Sandy clay
50 "	140 "	Sand, clay strks.
140 "	152 "	Clay
152 "	230 "	Sand, clay strks.
230 "	245 "	Clay
245 "	320 "	Sand
320 "	328 "	Clay
328 "	420 "	Sand, clay strks.
420 "	440 "	Clay
440 "	550 "	Sand
550 "	572 "	Hard sand
572 "	720 "	Sand, clay strks.

RECEIVED
Section 7076.1, Water Code

Work started Jan. 23 1961. Completed Feb. 7 1961

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Knapp & Graham, Inc.
(Person, firm, or corporation) (*Typed or printed*)
Address 1155 W. Inyo St.
Tulare, Calif.

[SIGNED] [signature] Well Driller

License No. 193493 Dated Feb. 8, 1961

57025 6-57 50M QUIN △ BPO

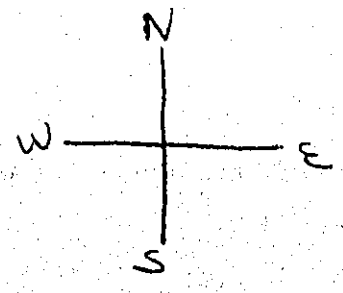
DWR. 188 (REV. 3-54)

22/24-191

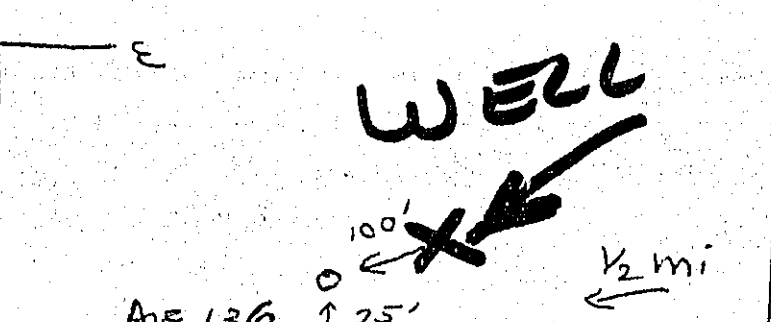
Location of well

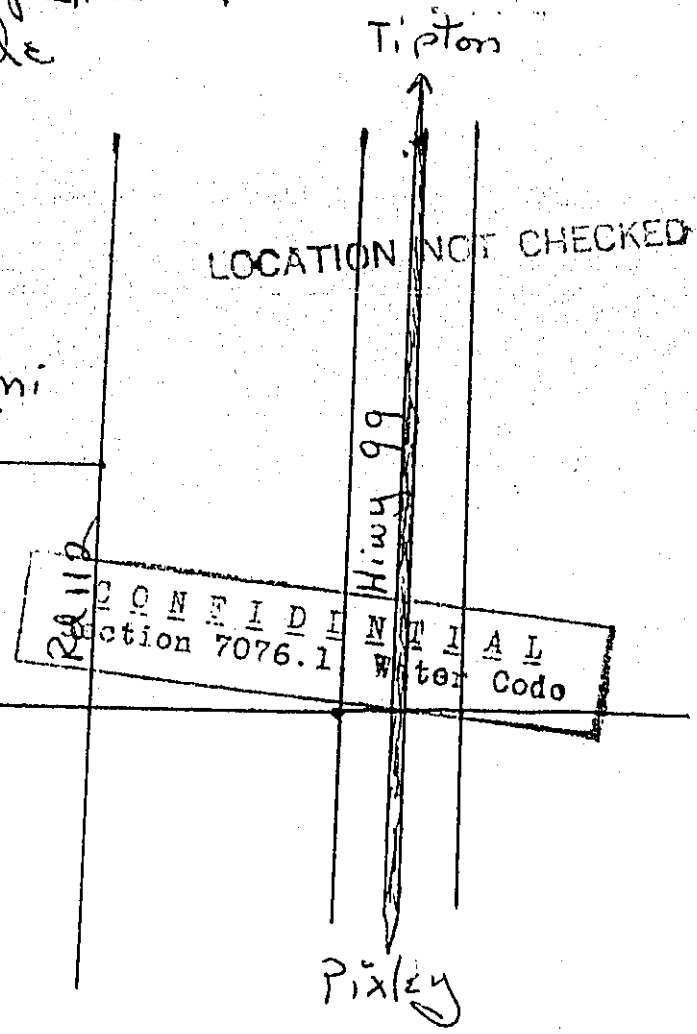
Log # 66984

Mrs. C. P. Mauser
447 E. Poplar Rd
Porterville



WELL

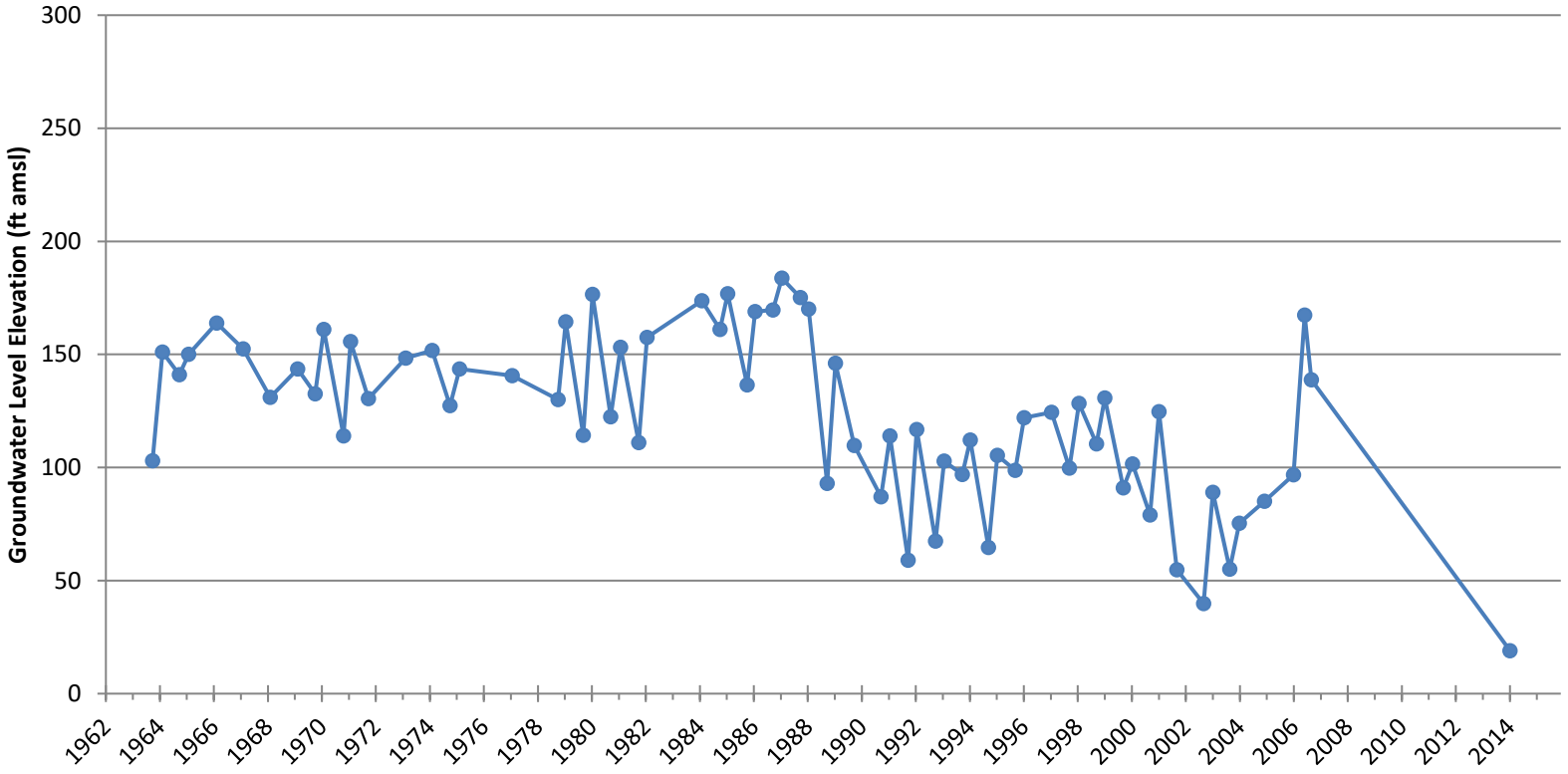




Sec 1
T22S R24E

Groundwater Hydrographs - Deep

22S/24E-01Q01



ORIGINAL File with DWR

24/27-8L

WATER WELL DRILLERS REPORT

(Sections 7079, 7080, 7081, 7082, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Do Not Fill In

No 337

State Well No.

Other Well No. 24S/27E-8L

(1) OWNER:

Name Marko Zaninovich, Inc.

Address Rt. 1, Box 725

Delano, Calif. 93215

(2) LOCATION OF WELL:

County Tulare Owner's number, if any

Township, Range, and Section

Distance from cities, roads, railroads, etc. ½ mile North of Ave. 32 and ½ mile East of Rd. 216

(3) TYPE OF WORK *(check):*

New Well ☒ Deepening ☐ Reconditioning ☐ Destroying ☐

If destruction, describe material and procedure in Item 11.

(4) PROPOSED USE *(check):*

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☒

Cable ☐

Other ☐

(6) CASING INSTALLED:

STEEL: OTHER:

SINGLE ☒ DOUBLE ☐

From ft.	To ft.	Diam.	Gage or Wall
0	703	16"	¼"
703	1747	14"	¼"
16" to 14" slip jt.			

If gravel packed

Diameter of Bore	From ft.	To ft.
25½	top	bottom

Size of shoe or well ring:

Size of gravel: ¼"

Describe joint collar w/ fillet weld.

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen machine

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
522	703	2	16	.100 x 2
703	1747	2	14	.100 x 2

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes ☐ No ☒ To what depth ft.

Were any strata sealed against pollution? Yes ☐ No ☒ If yes, note depth of strata

From ft. to ft.

From ft. to ft.

Method of sealing

(9) WATER LEVELS:

Depth at which water was first found, if known unknown

Standing level before perforating, if known ft.

Standing level after perforating and developing ft.

(10) WELL TESTS:

Was pump test made? Yes ☐ No ☒ If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.

Temperature of water Was a chemical analysis made? Yes ☐ No ☒

Was electric log made of well? Yes ☒ No ☐ If yes, attach copy

(11) WELL LOG:

Total depth 1747 ft. Depth of completed well 1747 ft.

Formation: *Describe by color, character, size of material, and structure*

ft. to	ft.	
0 ft. to	9 ft.	top soil
9	60	sandy clay
60	63	sand
63	253	sandy clay
253	257	sand
257	473	sandy clay
473	479	sand
479	695	sandy clay
695	745	blue clay
745	748	sand
748	812	blue clay
812	943	sandy clay
943	1033	sediment
1033	1246	shale & clay
1246	1361	blue clay
1361	1371	hard shale
1371	1455	shale & clay
1455	1488	hard shale
1488	1588	hard shale & clay
1588	1729	hard sand
1729	1747	sand & clay

CONFIDENTIAL
Water Code Sec. 13752

Work started 11/1/67 Completed 11/14/67

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) *(Typed or printed)*

Address 1744 Inyo St.
Delano, Calif. 93215

[SIGNED] Donald Whitten
(Well Driller)

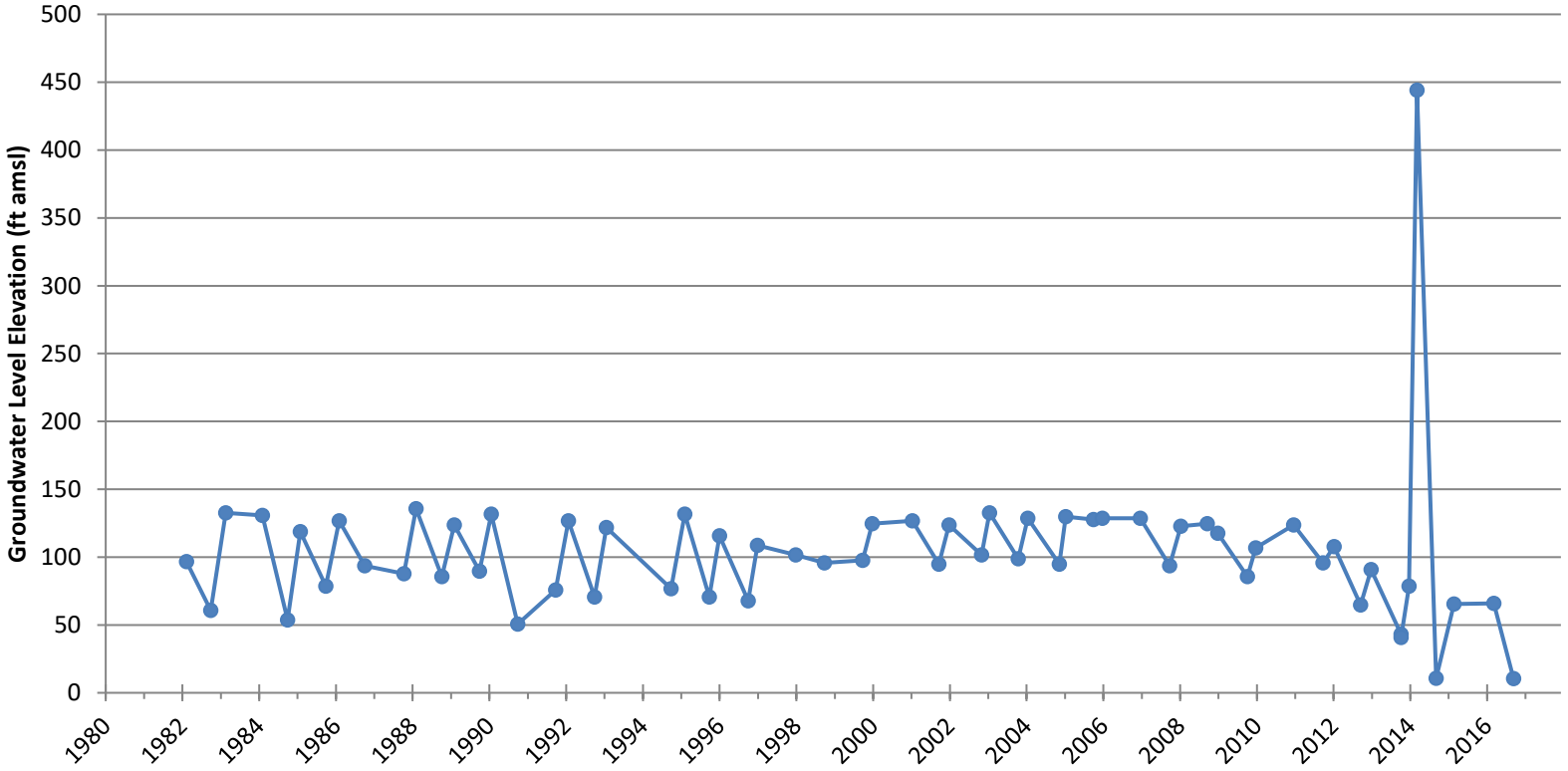
License No. 148282 Dated 11/13/68, 19

SKETCH LOCATION OF WELL ON REVERSE SIDE

86391-950 10-65 50M TRIP ① △ OSP

Groundwater Hydrographs - Deep

24S/27E-08L01



24/27-32K1

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. 5
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

24/27-32K1 (G.S.)

STATE OF CALIFORNIA

1160

LOCATION NOT CHECKED

Do Not Fill In

No. 32108

State Well No.

Other Well No. 24S/27E-32

(1) OWNER:

Name Earl Thomas Enterprises

Address Rt. 2 Box 296

Delano, California

(2) LOCATION OF WELL:

County Tulare Owner's number, if any—

R. F. D. or Street No.

SE ¼ Section 32

Township 24S

Range 27E

(3) TYPE OF WORK (*check*):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (*check*):

Domestic ☐ Industrial ☐ Municipal ☐

Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☒

Cable ☐

Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐

From ft.	to ft.	Diam.	Gage or Wall
1800 ft.		14" x ¼" casing	

Type and size of shoe or well ring

Describe joint

If gravel packed

Diameter of Bore	from ft.	to ft.
26"	0	1800 ft

Size of gravel: 3/8"

(7) PERFORATIONS:

Type of perforator used Machine

Size of perforations 1/8" x 1" cc in., length, by in.

From ft.	to ft.	Perf. per row	Rows per ft.
1002 ft.	1800 ft.		

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☐ No To what depth ft.

Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata

From ft.	to ft.

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found ft.

Standing level before perforating ft.

Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☐ No If yes, by whom?

Yield: gal./min. with ft. draw down after hrs.

Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

Was electric log made of well? ☐ Yes ☐ No

(11) WELL LOG:

Total depth 1800 ft. ft. Depth of completed well 1800 ft. ft.

Formation: *Describe by color, character, size of material, and structure.*

0	ft. to 3	ft.	Top Soil
3	" 180	"	Sandy Clay
180	" 183	"	Sand
183	" 240	"	Hard Sand
240	" 310	"	Sandy Clay
310	" 356	"	Hard Clay
356	" 360	"	Sand
360	" 395	"	Hard Clay
395	" 420	"	Hard Sand
420	" 427	"	Sand
427	" 465	"	Sandy Clay
465	" 500	"	Blue Clay
500	" 516	"	Blue Shale
516	" 530	"	Clay
530	" 544	"	Sediment
544	" 569	"	Hard Sandy Clay
569	" 633	"	Sediment
633	" 650	"	Shale & Clay
650	" 679	"	Sediment
679	" 709	"	Blue Clay
709	" 712	"	Sand
712	" 739	"	Blue Sediment
739	" 742	"	Sand
742	" 767	"	Hard Clay
767	" 770	"	Hard Slate
770	" 802	"	Shale
802	" 812	"	Blue Clay
812	" 816	"	Sand
816	" 822	"	Clay
822	" 850	"	Sediment
850	" 865	"	~~Sediment~~ Clay
865	" 944	"	Sediment
944	" 948	"	Sand
948	" 958	"	Hard Clay
958	" 1004	"	Sediment
1004	" 1008	"	Sand
1008	" 1080	"	Blue Sediment
1080	" 1082	"	Sand
1082	" 1108	"	Sediment
1108	" 1271	"	Shale & Clay
1271	" 1301	"	Hard Slate
1301	" 1401	"	Shale

Started 4/2/55 Completed 5/5/55 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

1800'

NAME Whitten Pump Co. (Person, firm or corporation) (Typed or printed)

Address 1744 High St.
Delano, California

[SIGNED] Well Driller

License No. 148282 Dated , 19

93688 3-54 BOM QUIN ® SPO

DWR FORM NO. 246 (REV. 3-54)

0.47 ft. Water Level 1-11-76

Contact of Section (GS)

24/27-32K1

LOG NO. 32108

PAGE 2 OF 2

Well Log Continued

1401	ft. to 1410	ft.	Hard Clay
1410	" " 1413		Sand
1413	1423		Clay
1423	1426		Sand
1426	1433		Clay
1433	1435		Hard Shale
1435	1475		Shale
1475	1493		Blue Shale
1493	1500		Clay
1500	1515		Shale
1515	1522		Clay
1522	1526		Shale
1526	1551		Very Hard Slate
1551	1590		Shale
1590	1628		Sandy Shale
1628	1750		Sand & Shale
1750	1765		Sandy Clay
1765	1780		Clay
1780	1800		Blue Shale

0.47 mile north, 0.49 mile west of

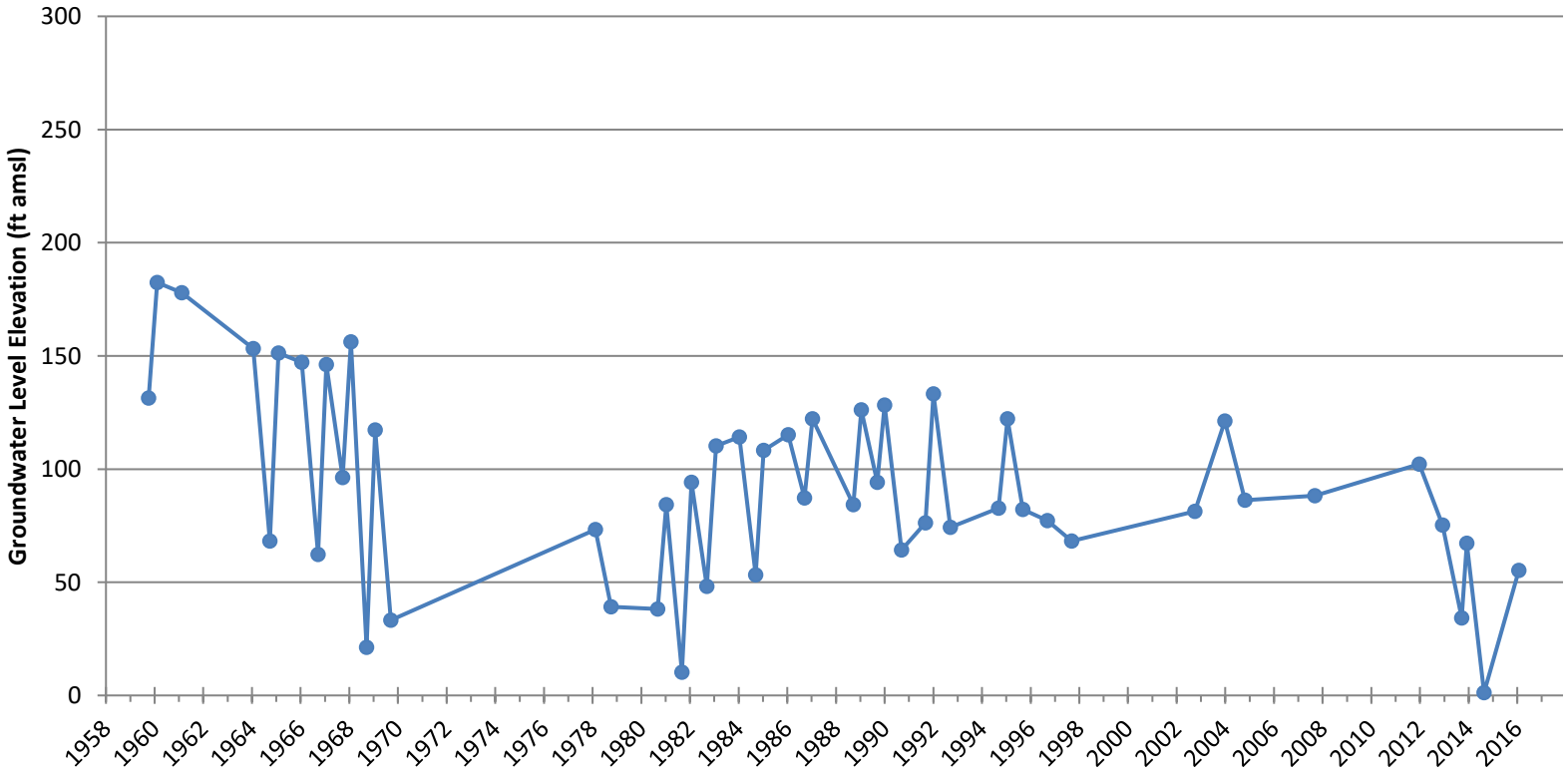
CONFIDENTIAL
Section 7078 Water Code

Section 32 (USGS)

24/27-32K1

Groundwater Hydrographs - Deep

24S/27E-32K01



24/24-3A1

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. 5
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA 2406

LOCATION NOT CHECKED

Do Not Fill In
No. 63263

State Well No. 24s/24e-3A1
Other Well No. 24s/24e-3

(1) OWNER:

Name Jack C. Phillips Ranch
Address Star Route, Box 66
Earlimart, California

(2) LOCATION OF WELL:

County Tulare Owner's number, if any—
R. F. D. or Street No.

Southwest corner of intersection of Ave. 48 and Rd. 92.

(3) TYPE OF WORK (*check*):

New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (*check*):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) EQUIPMENT:

Rotary [X]
Cable [ ]
Dug Well [ ]

(6) CASING INSTALLED:

SINGLE [X] DOUBLE [ ]

From ft.	to ft.	Diam.	Gage or Wall
600 ft.	16"		Single
1,002 ft.	14"		Single

If gravel packed

Diameter of Bore	from ft.	to ft.
28"	Top to ~~both~~	
	Bottom	

Type and size of shoe or well ring
Size of gravel: 3/8
Describe joint Butt Welded

(7) PERFORATIONS:

Type of perforator used Machine
Size of perforations 1/8 in., length, by 1 cc in.

From ft.	to ft.	Perf. per row	Rows per ft.
804 ft.	to 1,602 ft.	4	18

(8) CONSTRUCTION:

Was a surface sanitary seal provided? [ ] Yes [X] No To what depth ft.
Were any strata sealed against pollution? [ ] Yes [X] No If yes, note depth of strata

From ft.	to ft.

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found Unknown ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? [ ] Yes [X] No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? [ ] Yes [ ] No
Was electric log made of well? [ ] Yes [X] No

(11) WELL LOG:

Total depth 1,602 ft. Depth of completed well 1,602 ft.

Formation: *Describe by color, character, size of material, and structure.*

0 ft. to	35 ft.	Sandy Clay
35 "	153 "	Sandy
153 "	188 "	Clay
188 "	235 "	Hard Sand
235 "	270 "	Clay
270 "	273 "	Sand
273 "	315 "	Sandy Clay
315 "	338 "	Hard Shale
338 "	430 "	Sandy Clay
430 "	436 "	Sand
436 "	458 "	Sandy Clay
458 "	582 "	Clay
582 "	643 "	Blue Clay
643 "	710 "	Sandy Clay
710 "	730 "	Sand
730 "	745 "	Sandy Clay
745 "	792 "	Shale
792 "	892 "	Clay
892 "	906 "	Sand
906 "	945 "	Sandy Clay
945 "	960 "	Blue Clay
960 "	963 "	Sand
963 "	1036 "	Hard Shale
1036 "	1070 "	Clay
1070 "	1096 "	Shale
1096 "	1125 "	Clay
1125 "	1140 "	Sand
1140 "	1170 "	Shale
1170 "	1200 "	Clay
1200 "	1247 "	Sandy Clay
1247 "	1257 "	Hard Shale
1257 "	1260 "	Sand
1260 "	1390 "	Shale
1390 "	1405 "	Sand
1405 "	1425 "	Sandy Clay
1425 "	1488 "	Shale
1488 "	1502 "	Clay
1502 "	1575 "	Shale
1575 "	1590 "	Sand
1590 "	1602 "	Colored Shale

Section 7076 Material

Work started 6/7/60 19 . Completed 6/24/60 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) (*Typed or printed*)
Address 1744 High St.
Delano, Calif.

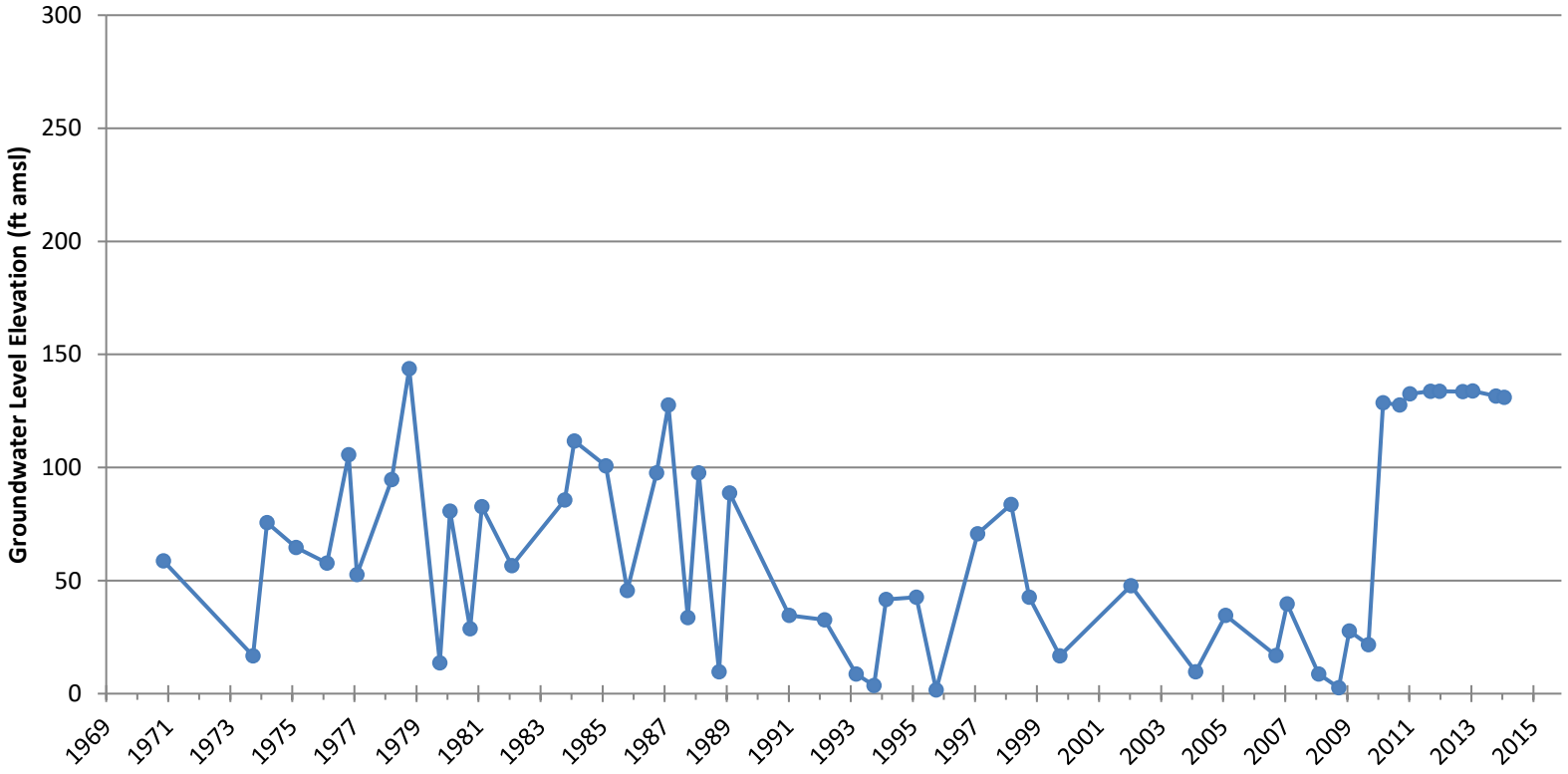
[SIGNED] Donald E. Whitten
(Well Driller)
License No. 148282 Dated 11-1-, 1960

STORS 6-67 50M QUIN △ SPO

DWR 188 (REV. 3-54)

Groundwater Hydrographs - Deep

24S/24E-03A01



TRIPLICATE
Owner's Copy

Page 1 of 1

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. EO117919

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. MW-6
Date Work Began 9/24/2010, Ended 9/24/2010
Local Permit Agency ENVIRO HEALTH, TULARE
Permit No. 10-0338 Permit Date 8/30/2010

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD ROTARY FLUID WATER

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
0	20	TOP SOIL, MEDIUMFINE/COARSE SANDS
20	40	MEDIUM/FINE/COARSE SANDS
40	80	EDIUM/FINE/COARSE SANDS WITH SOME CLAY
80	120	MEDIUM/FINE/COARSE SANDS WITH MORE CLAY
120	140	MEDIUM/FINE/COARSE SANDS, WITH SOME CLAY
140	160	MEDIUM/FINE/COARSE SANDS WITH SOME CLAY
160	200	MEDIUM/FINE/COARSE SANDS
200	300	MEDIUM/FINE/COARSE SANDS WITH SOME CLAY
300	340	MEDIUM/FINE/COARSE SANDS, SOME CLAY SOME D.G.
340	420	MEDIUM/FINE/COARSE SANDS WITH SOME CLAY
420	560	CLAY WITH SOME SANDS
560	620	CLAY WITH MORE SANDS MEDIUM/FINE
620	680	CLAY WITH SOME MEDIUM/FINE SANDS
680	720	MOSTLEY CLAY
720	740	CLAY WITH SOME MEDIUM/FINE SANDS
740	760	MEDIUM/FINE/COARSE SANDS WITH SOME CLAY AND SHALE
760	810	MEDIUM/FINE/COARSE SANDSWITH CLAY

TOTAL DEPTH OF BORING 810 (Feet)
TOTAL DEPTH OF COMPLETED WELL 805 (Feet)

WELL OWNER

Name SURINDERPAL GILL
Mailing Address 16964 AVENUE 32
DELANO CA 93215
CITY STATE ZIP

WELL LOCATION

Address 1/2 MI N AVE. 26 & 1/2 MI E. ROAD 16
City DELANO CA 93215
County TULARE
APN Book 3381 Page 003 Parcel 24
Township 24 Range 26 Section 17
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ✓
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE AIR LIFT
TEST LENGTH 4 (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
#1										
0	200	16"	✓				PVC	4"	SCH 40	
200	350	16"		✓			PVC	4"	SCH 40	.030
#2										
0	705	12 1/4"	✓				PVC	4"	SCH 40	
705	805	12 1/4"		✓			PVC	4"	SCH 40	.030

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	130	✓			
360	370		✓		
464	474		✓		
590	600		✓		
630	640		✓		
660	670		✓		

ATTACHMENTS (✓)
___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

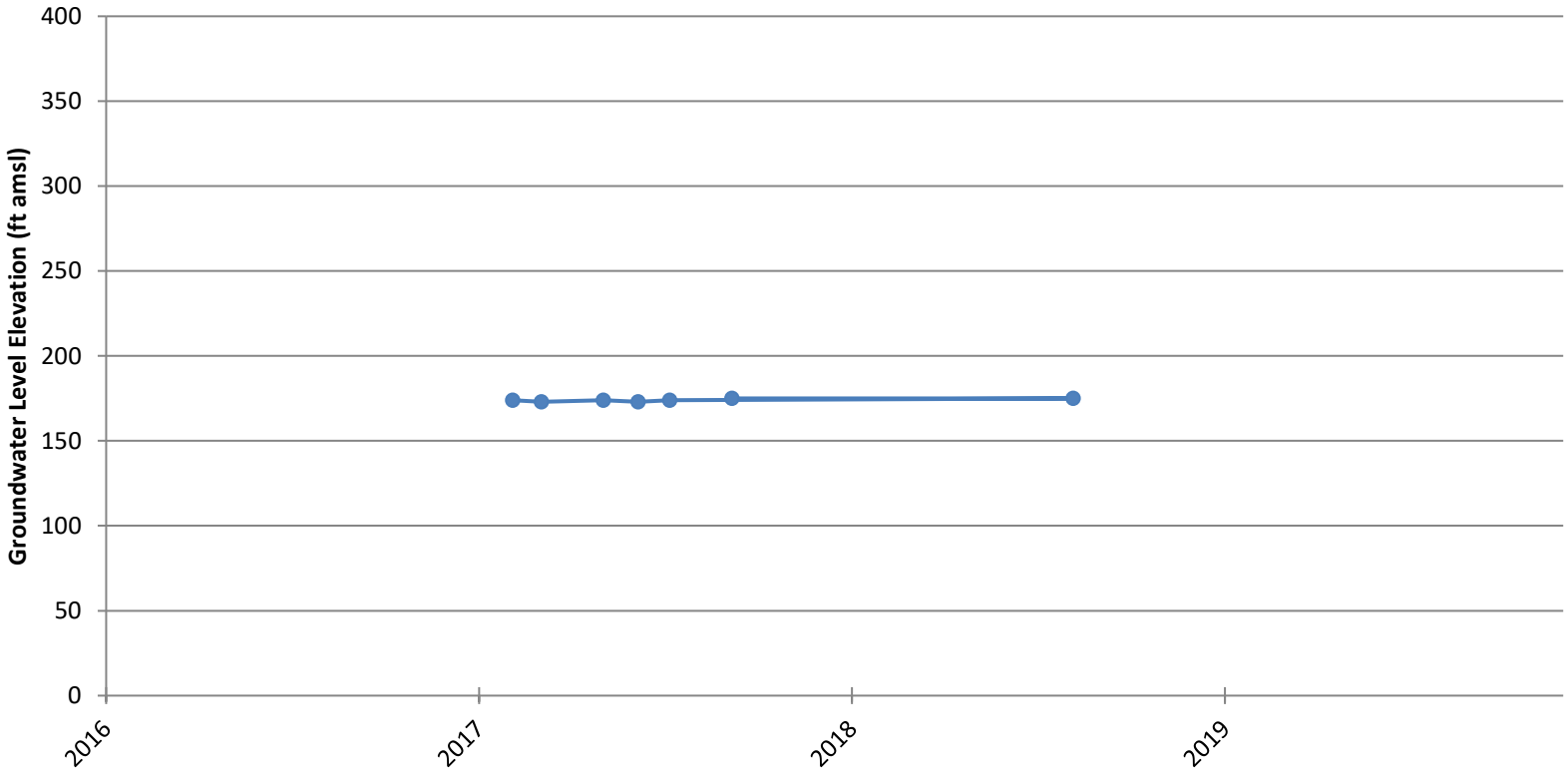
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME BRADLEY & SONS
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
3625 S. HIGHLAND ADDRESS, DEL REY CITY, CA STATE, 93616 ZIP
Signed Donna Bodie WELL DRILLER/AUTHORIZED REPRESENTATIVE
10/06/10 DATE SIGNED
414178 C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

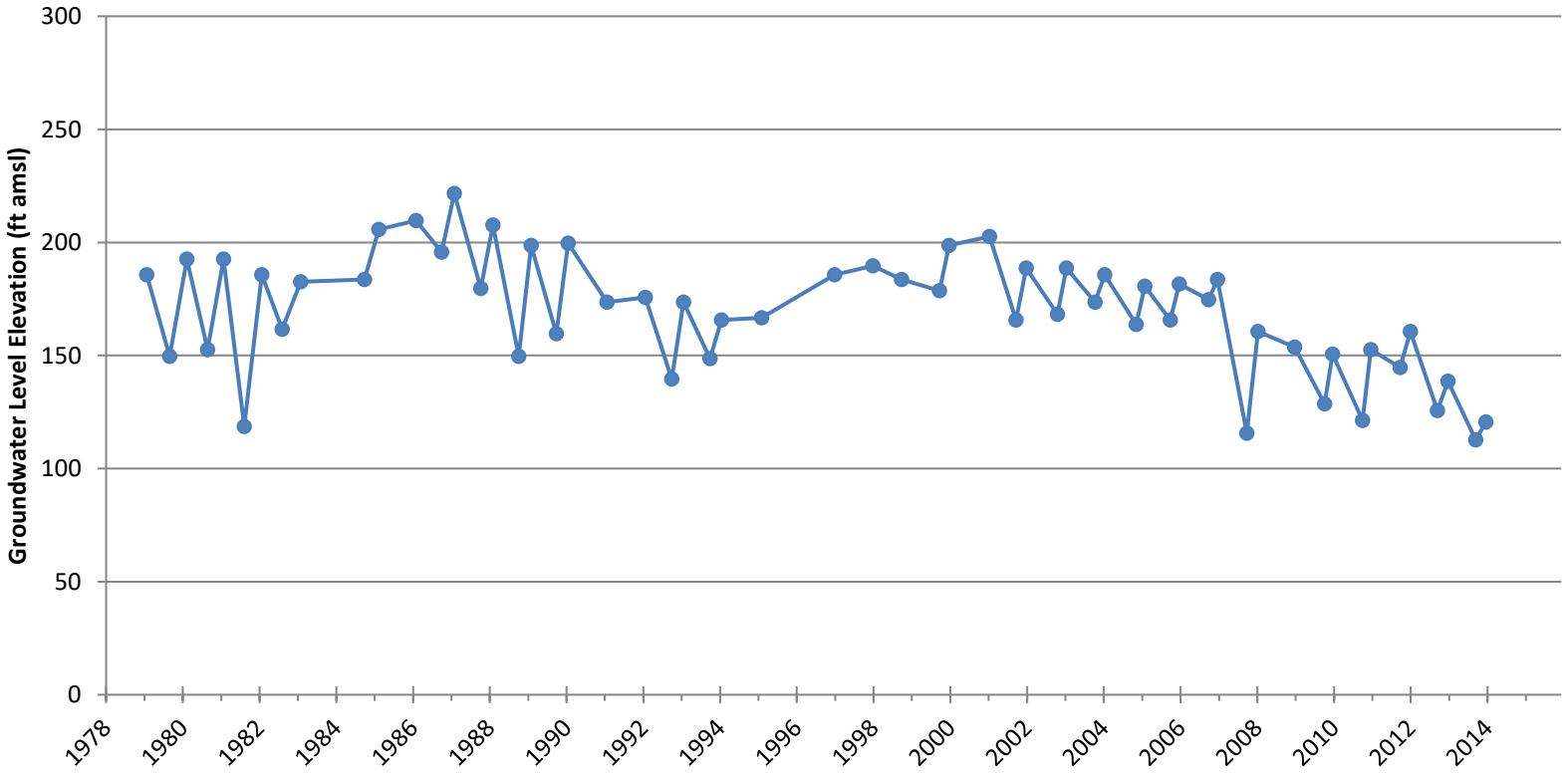
Groundwater Hydrographs - Deep

M-19



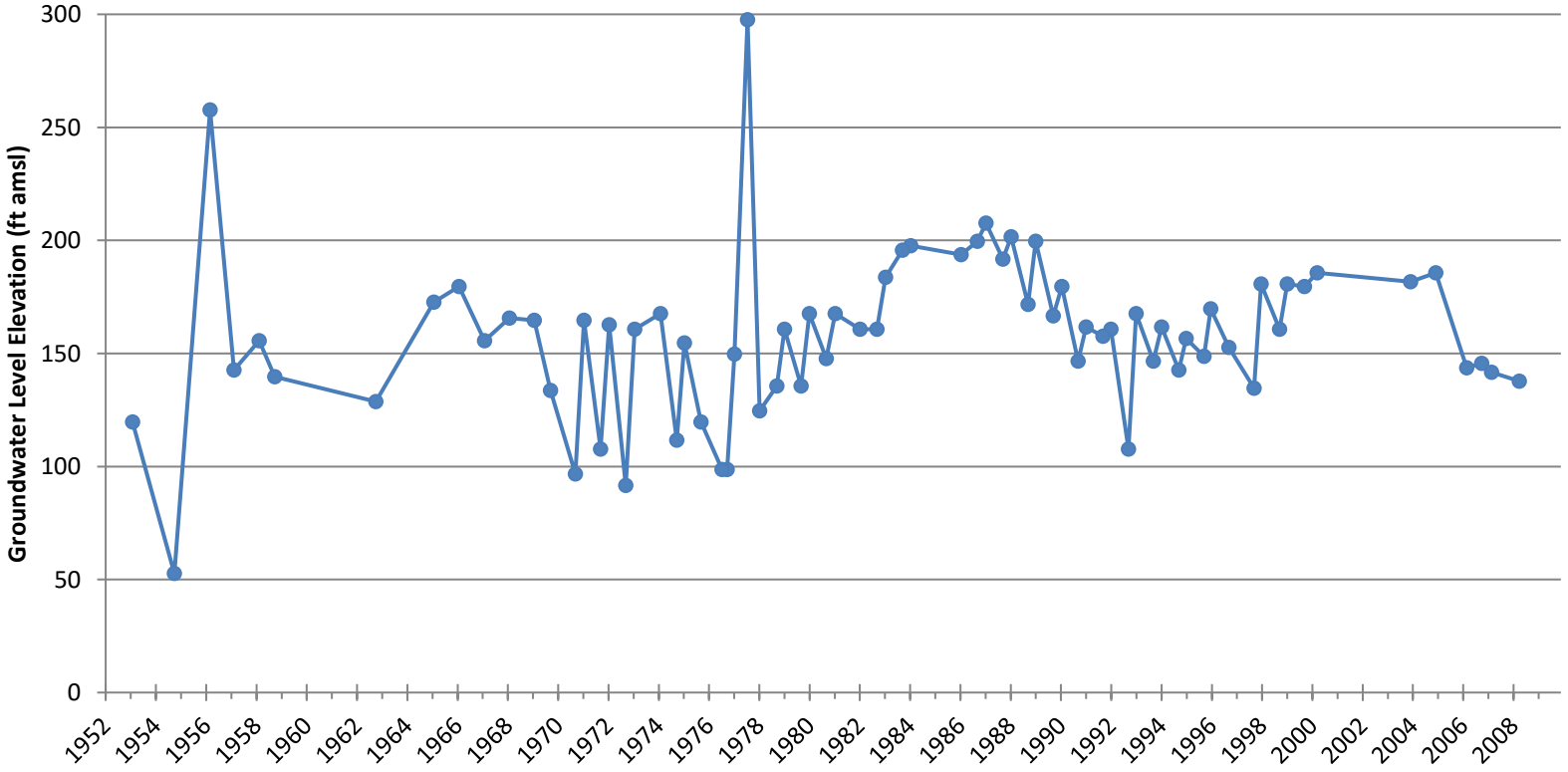
Groundwater Hydrographs - Deep

24S/25E-13F01



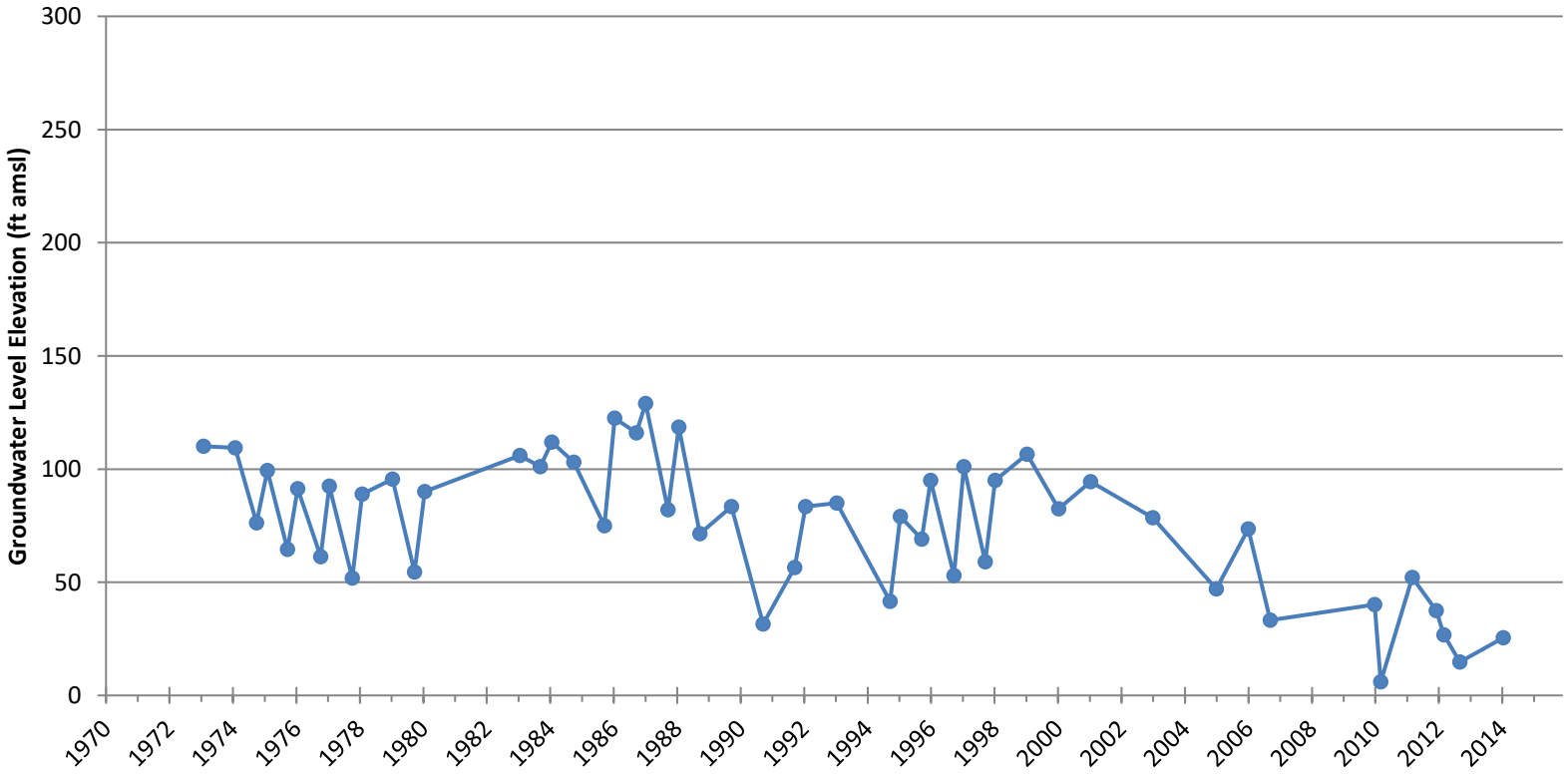
Groundwater Hydrographs - Deep

24S/25E-36J01



Groundwater Hydrographs - Deep

23S/23E-02A01



File Original with DWR

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO. 21S/23E-25 1/1

LATITUDE / LONGITUDE 1/3

APN/TRS/OTHER

Page 1 of 2

Owner's Well No. Well #1 No. e0078297

Date Work Began 8/16/08 Ended 10/07/08

Local Permit Agency Tulare County Environmental Health Division

Permit No. 08-0339 Permit Date 7/9/08

GEOLOGIC LOG

ORIENTATION (X) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DRILLING METHOD Reverse Rotary FLUID ___

DEPTH FROM SURFACE FL to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
50 – 80	Brown clay, gravel
80 – 90	Brown clay
90 – 230	Brown clay, gravel
230 – 260	Gray clay, gravel
260 – 280	Gray clay
280 – 310	Gray clay, sand
310 – 320	Gray clay, gravel
320 – 360	Gray clay, sand
360 – 370	Gray clay
370 – 380	Gray clay, sand
380 – 410	Gray clay, gravel
410 – 420	Clay and cobbles, gravel
420 – 470	Clay and gravel
470 – 490	Gray clay
500 – 510	Gray clay, sandy
510 – 530	Gray clay
530 – 540	Gray clay, sandy
540 – 550	Gray clay
550 – 570	Clay and gravel
570 – 580	Coarse sand
580 – 590	Clay, gravel, and sand
590 – 610	Clay and little gravel
610 – 620	Clay and gravel
620 – 630	Gray clay and gravel
630 – 640	Gray clay
640 – 720	Gray clay and gravel
720 – 730	Gravel
730 – 740	Clay
740 – 760	Gray clay and gravel
760 – 790	Gray clay

TOTAL DEPTH OF BORING 1280 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1270 (Feet)

WELL OWNER

Name Te Velde Farming

Mailing Address 5850 Ave 160

Tipton CA 93272

CITY STATE ZIP

WELL LOCATION

Address 5850 Ave 160

City Tipton CA 93272

County Tulare County

APN Book 200 Page 190 Parcel 004

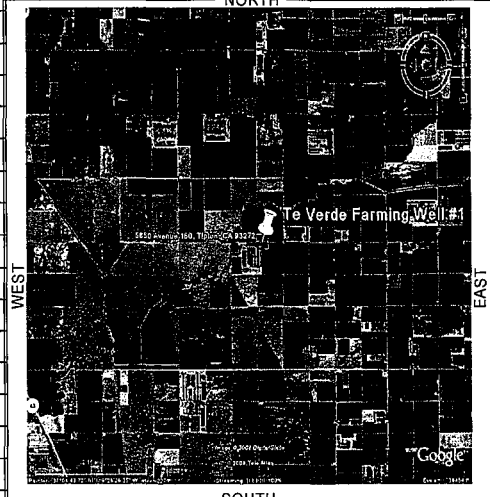
Township 21S Range 23E Section 25

Latitude 36 DEG. 4 MIN. 46.53 SEC. NORTH

Longitude 119 DEG. 26 MIN. 11.47 SEC. WEST

LOCATION SKETCH

NORTH



SOUTH

Illustrate or Describe Distance Of Well from Roads Buildings, Fences, Rivers etc and attach map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (X)

X NEW WELL

___ MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USES (X)

WATER SUPPLY

X Domestic ___ Public

X Irrigation ___ Industrial

___ MONITORING

___ TEST WELL

___ CATHODIC PROTECTION

___ HEAT EXCHANGE

___ DIRECT PUSH

___ INJECTION

___ VAPOR EXTRACTION

___ SPARGING

___ REMEDIATION -

___ OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER N/A (Ft.) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL 259.6 *(Ft.)* & DATE MEASURED 10/04/08-10/07/08

ESTIMATED YIELD 2008 (GPM) & TEST TYPE Constant

TEST LENGTH 37 (Hrs.) TOTAL DRAWDOWN 216.88 *(Ft.)*

** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (inches)	TYPE (-) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	OUTSIDE DIAMETER (inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0 – 40	40			X		Steel	32	.375	
0 – 640	28	X				Steel	18	.375	
640 – 660	28		X			Steel	16	.312	.060 Standard Louver
660 – 1260	26		X			Steel	16	.312	.060 Standard Louver
1260 – 1270	26	X				Steel	18	.375	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft. to Ft.	TYPE CEMENT (X)	BENTONITE (X)	FILL (X)	FILTER PACK (TYPE/SIZE)
0 – 20	X			
20 – 1260			X	1/4 x 10 Gravel Pack

ATTACHMENTS (X)

X Geologic Log

X Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

1, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Layne Christensen Company (PERSON, FIRM OR CORPORATION) (TYPED OR PRINTED)

ADDRESS 11001 Etiwanda Ave CITY Fontana STATE CA ZIP 92337

Signed [signature] (WELL DRILLER/AUTHORIZED REPRESENTATIVE) DATE SIGNED 10/10/08

C-57 LICENSE NUMBER 510011

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

File Original with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY — DO NOT FILL IN
21S/23E-25 D 4/B
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Page 2 of 2
Owner's Well No. Well #1 No. e0078297
Date Work Began 8/16/08 Ended 10/07/08
Local Permit Agency Tulare County Environmental Health Division
Permit No. 08-0339 Permit Date 7/9/08

GEOLOGIC LOG

ORIENTATION (X) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD Reverse Rotary FLUID ___

DEPTH FROM SURFACE FL to Ft.		DESCRIPTION *Describe material, grain size, color, etc.*
790	910	Gray clay and gravel
910	920	Gray clay, sand and gravel
920	940	Clay and coarse sand
940	950	Clay, sand, and gravel
950	960	Sand and gravel
960	1030	Sandy clay
1030	1040	Sandy clay and gravel
1040	1060	Gray clay and gravel
1060	1070	Gravel and gray clay
1070	1120	Gray clay
1120	1150	Gray clay and coarse sand
1150	1160	Gray clay and gravel
1160	1200	Gray clay
1200	1260	Gray clay and gravel

TOTAL DEPTH OF BORING 1280 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1270 (Feet)

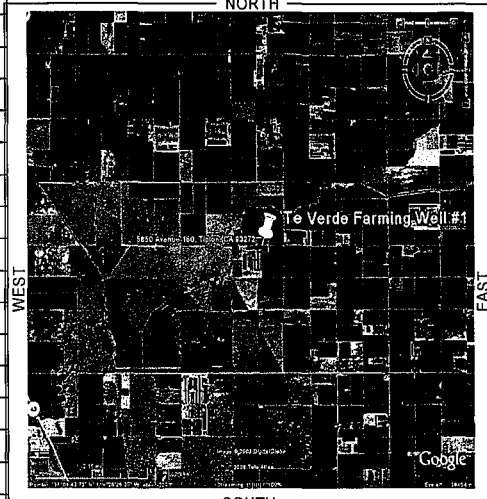
WELL OWNER

Name Te Velde Farming
Mailing Address 5850 Ave 160
CITY Tipton STATE CA ZIP 93272

WELL LOCATION

Address 5850 Ave 160
City Tipton STATE CA ZIP 93272
County Tulare County
APN Book 200 Page 190 Parcel 004
Township 21S Range 23E Section 25
Latitude 36 DEG. 4 MIN. 46.53 SEC. NORTH
Longitude 119 DEG. 26 MIN. 11.47 SEC. WEST

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads Buildings, Fences, Rivers etc and attach map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (X)

X NEW WELL
___ MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USES (X)
WATER SUPPLY
X Domestic ___ Public
X Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER N/A (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 259.6 *(Ft.)* & DATE MEASURED 10/04/08-10/07/08
ESTIMATED YIELD 2008 (GPM) & TEST TYPE Constant
TEST LENGTH 37 (Hrs.) TOTAL DRAWDOWN 216.88 *(Ft.)*
** May not be representative of a well's long-term yield.*

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (inches)	CASING (S) TYPE (-') BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	OUTSIDE DIAMETER (inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)

DEPTH FROM SURFACE Ft. to Ft.	ANNULAR MATERIAL TYPE CE-MENT (X)	BEN-TONITE (X)	FILL (X)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (X)

X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

1, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Layne Christensen Company (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 11001 Etiwanda Ave CITY Fontana STATE CA ZIP 92337
Signed [signature] (WELL DRILLER/AUTHORIZED REPRESENTATIVE) DATE SIGNED 10/10/08
C-57 LICENSE NUMBER 510011

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

22S/23E/16

Page 1 of 1

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 545936

Owner's Well No. 6535

Date Work Began 09/26/94, Ended 10/04/94

Local Permit Agency TULARE CO ENVIRONMENTAL HEALTH

Permit No. 30036 Permit Date 08/24/94

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	3	TOP SOIL
3	15	SANDY YELLOW CLAY
15	110	SAND WITH BROWN CLAY STREAKS
110	250	SANDY BLUE CLAY W/SAND STRKS
250	300	SAND W/BLUE CLAY STREAKS
300	325	SANDY BLUE CLAY
325	400	SAND WITH BLUE CLAY STREAKS
400	420	BLUE CLAY
420	435	SANDY BLUE CLAY
435	555	CORCORAN CLAY
555	700	SAND WITH BLUE CLAY STREAKS
700	860	INTERBEDDED SAND & BLUE CLAY
860	885	SANDY BLUE CLAY
885	930	SAND WITH BLUE CLAY STREAKS
930	970	INTERBEDDED SAND & BLUE CLAY
970	1010	SAND WITH BLUE CLAY STREAKS
1010	1090	INTERBEDDED SAND & BLUE CLAY
1090	1210	SILTY BLUE SAND
1210	1300	INTERBEDDED SAND

CONFINED

TOTAL DEPTH OF BORING 1270 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1210 (Feet)

WELL OWNER

Name CORCPORK COMPANY

Mailing Address 3922 AVENUE 120

CORCORAN (CITY) CA (STATE) 93212 (ZIP)

WELL LOCATION

Address HWY 43 AVE 120

City ___

County TULARE

APN Book 291 Page 060 Parcel 19001

or Township 22 S Range 23 E Section 16

or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

X NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING

WATER SUPPLY

___ Domestic

___ Public

X Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD ROTARY FLUID MUD

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	540	28"					ACCESS TUBE	2"	SCH 40	
0	560	28"	X				ASTM-135	16"	.312	
560	690	28"		X			DBL MILLSLOT	16"	.312	0.060
690	710	26"	X				ASTM-135	12-3/4	.312	
710	720	26"		X			DBL MILLSLOT	12-3/4	.312	0.050
720	730	26"	X				ASTM-135	12-3/4	.312	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	X			SAND SLURRY
50	540			X	GRAVEL
540	1270			X	SAND PACK

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME EATON DRILLING COMPANY, INC. (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

20 W. Kentucky Ave. (ADDRESS) Woodland (CITY) CA (STATE) 95695 (ZIP)

Signed ___ (WELL DRILLER/AUTHORIZED REPRESENTATIVE) 10/13/94 (DATE SIGNED) 132783C57 (C-57 LICENSE NUMBER)

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. 6535P2

Date Work Began 09/26/94 Ended 10/04/94

Local Permit Agency TULARE CO ENVIRONMENTAL HEALTH

Permit No. 30036 Permit Date 08/24/94

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 545937

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*

TOTAL DEPTH OF BORING 1270 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1210 (Feet)

WELL OWNER

Name CORCPORK COMPANY

Mailing Address 3922 AVENUE 120

CORCORAN CA 93212

CITY STATE ZIP

WELL LOCATION

Address SAME AS PAGE ONE

City

County TULARE

APN Book 291 Page 060 Parcel 19001

or Township 22 S Range 23 E Section 16

or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

X NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING

WATER SUPPLY

___ Domestic

___ Public

X Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD ROTARY FLUID MUD

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
730	760	26"		X			DBL MILLSLOT	12-3/4	.312	0.050
760	810	26"	X				ASTM-135	12-3/4	.312	
810	860	26"		X			DBL MILLSLOT	12-3/4	.312	0.050
860	900	26"	X				ASTM-135	12-3/4	.312	
900	930	26"		X			DBL MILLSLOT	12-3/4	.312	0.050
930	970	26"	X				ASTM-135	12-3/4	.312	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME EATON DRILLING COMPANY, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

20 W. Kentucky Ave. Woodland CA 95695

ADDRESS CITY STATE ZIP

Signed ___
WELL DRILLER/AUTHORIZED REPRESENTATIVE

10/13/94 DATE SIGNED

133783C57 C-57 LICENSE NUMBER

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. 6535P3

Date Work Began 09/26/94 , Ended 10/04/94

Local Permit Agency TULARE CO ENVIRONMENTAL HEALTH

Permit No. 30036 Permit Date 08/24/94

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 545938

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*

TOTAL DEPTH OF BORING 1270 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1210 (Feet)

WELL OWNER

Name CORCPORK COMPANY

Mailing Address 3922 AVENUE 120

CORCORAN CITY CA STATE 93212 ZIP

WELL LOCATION

Address SAME AS PAGE ONE

City

County TULARE

APN Book 291 Page 060 Parcel 19001

or Township 22 S Range 23 E Section 16

or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

X NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING

WATER SUPPLY

___ Domestic

___ Public

X Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD ROTARY FLUID MUD

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
970	1000	26"		X			DBL MILLSLOT	12-3/4	.312	0.050
1000	1020	26"					COMPRESSON		SECTION	
1020	1050	26"		X			DBL MILLSLOT	12-3/4	.312	0.050
1050	1060	26"	X				ASTM-135	12-3/4	.312	
1060	1080	26"		X			DBL MILLSLOT	12-3/4	.312	0.050
1080	1090	26"	X				ASTM-135	12-3/4	.312	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME EATON DRILLING COMPANY, INC. (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS 20 W. Kentucky Ave. CITY Woodland STATE CA ZIP 95695

Signed ___ (WELL DRILLER/AUTHORIZED REPRESENTATIVE) DATE SIGNED 10/13/94 C-57 LICENSE NUMBER 132782C57

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. 6535P4

Date Work Began _____, Ended _____

Local Permit Agency TULARE CO ENVIORNMENTAL HEALTH

Permit No. 30036 Permit Date 08/24/94

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 545939

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*

TOTAL DEPTH OF BORING 1270 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1210 (Feet)

WELL OWNER

Name CORCPORK COMPANY

Mailing Address 3922 AVENUE 120

CORCORAN CA 93212

CITY STATE ZIP

WELL LOCATION

Address SAME AS PAGE ONE

City _____

County TULARE

APN Book 291 Page 060 Parcel 19001

or Township 22 S Range 23 E Section 16

or Latitude _____ DEG. MIN. SEC. NORTH Longitude _____ DEG. MIN. SEC. WEST

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

X NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING

WATER SUPPLY

___ Domestic

___ Public

X Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD ROTARY FLUID MUD

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL _____ (Ft.) & DATE MEASURED _____

ESTIMATED YIELD* _____ (GPM) & TEST TYPE _____

TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
1090	1140	26"		X			DBL MILLSLOT	12-3/4	.312	0.050
1140	1150	26"	X				ASTM-135	12-3/4	.312	
1150	1210	26"		X			DBL MILLSLOT	12-3/4	.312	0.050

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other _____

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME EATON DRILLING COMPANY, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

20 W. Kentucky Ave. Woodland CA 95695

ADDRESS CITY STATE ZIP

Signed _____ 10/13/94 133783C57

WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

23/26-1J1

9-063
(December 1949)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

(Conflict in Haskel sheet)

No. 23/26-1J1

Other Nos. Maze #1

WELL LOG

State California County Tulare Subarea Ducor-Famoso

Owner Maze T.D. = 1913 E-log
T.D. = 1830 completed

Location 0.49 miles N of sec line (± Ave 88) + 50 ft. W of Rd. 208

Drilled by Hylton Drilling Co. Address 17th & I st., Bakersfield

Date 12-6-56 Casing diam. _____ Land-surf. alt. 410

Source of data Examination of dry rotary samples - Partial log

(Enter type of well, perforations, yield, and drawdown at end of log)

Correlation	Material	Thickness (feet)	Depth (feet)
1030-1110	Sand, medium to coarse	80	
1110-1230	Sand, and clay, dark green	120	
1230-1270	Sand, medium to coarse, some dark green clay	40	
1270-1290	Sand, medium to coarse	20	
1290-1390	Clay, sandy, dark grey-green	100	
1390-1430	Sand, fine to coarse	40	
1430-1450	Clay, dark green	20	
1470-1490	Sand, medium to coarse	20	
1490-1510	Clay, dark green	20	
1510-1630	Clay, sandy, dark green	120	
1630-1650	Sand, clayey, to coarse	20	
1650-1690	Clay, sandy, dark green	40	
1670-1700	Sand, clayey, to coarse	10	
1700-1780	Gravel, 2-8mm with some dark green clay and sand	80	
1780-1820	Gravel 2-8mm + dark green clay	40	
1820-1840	Gravel 2-8mm with some dark green clay and sand	20	
1840-1900	Gravel 2-8mm + dark green clay	60	

RECORD BY George A. Hilton DATE 12-6-56 SHEET 1 OF 1

U. S. GOVERNMENT PRINTING OFFICE 16—61587-1

23/26-1J1

23/26-1J1

23/26-1J1 Maze (Compo, S.A.) #1 12-14-56
1830 ft pipe, perf 1310-1830, Schlumber-
ger ran. to 2100+
3 Mi W Terrabella 1/2 mi S on 208.

E-log completed

0-20 Surf fm
20-46 Sd & Gravel
46-84 Sdy brn clay
84-290 Sdy brn clay w/thin gyp
290-314 Tough sdy brown clay
314-378 Sdy brn clay w/thin gyp
378-390 Hard sd & gyp
390-620 Sdy brn clay w/thin sand
620-975 Sdy blue clay w/thin sd.
975-1015 Hard sdy gyp blue clay & shale.
1015-1127 Hard blue clay w/thin gyp & sand
1127-1350 Hard salty clay
1350-1830 Sdy blue clay w/thin gyp sd

RECORD BY Richard Nelson DATE 12-6-56 SHEET 1 OF 1

U. S. GOVERNMENT PRINTING OFFICE 10—61587-1

ORIGINAL

File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 085678

State Well No. 22/27-16

Other Well No.

Notice of Intent No.

Local Permit No. or Date

(1) OWNER: Name Buttes Farmland Development
Address P. O. Box 1206
City Delano, CA Zip 93215

(2) LOCATION OF WELL (See instructions):
County Tulare Owner's Well Number
Well address if different from above
Township 22 Range 27 Section 16
Distance from cities, roads, railroads, fences, etc. 3/8 mile East of Road 224 on South side of Ave. 128.

Ave 128

Rd 224 ←3/8 mi→ (X)

WELL LOCATION SKETCH

(3) TYPE OF WORK:
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:
Domestic ☐
Irrigation ☒
Industrial ☐
Test Well ☐
Stock ☐
Municipal ☐
Other ☐

(5) EQUIPMENT:
Rotary ☒ Reverse ☐
Cable ☐ Air ☐
Other ☐ Bucket ☐

(6) GRAVEL PACK:
Yes ☒ No ☐ Size 1/4"
Diameter of bore 27-1/2"
Packed from 0 to 1240 ft.

(7) CASING INSTALLED:
Steel ☒ Plastic ☐ Concrete ☐

From ft.	To ft.	Dia. in.	Gage or Wall
0	1240	14"	1/4"

(8) PERFORATIONS:
Type of perforation or size of screen

From ft.	To ft.	Slot size
800'	1240'	.125x 2-1/2"

(9) WELL SEAL:
Was surface sanitary seal provided? Yes ☐ No ☒ If yes, to depth ft.
Were strata sealed against pollution? Yes ☐ No ☒ Interval ft.
Method of sealing

(10) WATER LEVELS:
Depth of first water, if known Unknown ft.
Standing level after well completion ft.

(11) WELL TESTS:
Was well test made? Yes ☒ No ☐ If yes, by whom?
Type of test Pump ☐ Bailer ☐ Air lift ☐
Depth to water at start of test ft. At end of test ft
Discharge gal/min after hours Water temperature
Chemical analysis made? Yes ☐ No ☒ If yes, by whom?
Was electric log made? Yes ☒ No ☐ If yes, attach copy to this report

(12) WELL LOG: Total depth 1240 Depth of completed well 1240

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	90	Sand
90	94	Gravel
94	237	Gravel
237	277	Gravel
277	338	Clay w/Sand Streaks
338	399	Clay w/Gravel Streaks
399	522	Clay w/Sand Streaks
522	590	Blue Clay
590	700	Blue Clay
700	770	Clay
770	936	Sandy Clay
936	1088	Sand w/Clay Streaks
1088	1166	Sandy Clay
1166	1186	Coarse Sand & Clay
1186	1240	Sand w/Shale Streaks

OUTSIDE CORC. CLAY AREA

Work started 11-5- 1979 Completed 11-30-1979

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief

SIGNED (Well Driller)
NAME Whitten Pumps, Inc. (Person, firm, or corporation) (Typed or printed)
Address Rt. 1 Box 1101
City Delano, CA Zip 93215
License No. 148282 Date of this report 3-24-80

DO NOT FILL IN THIS SPACE
NOT FOR PUBLIC USE
WATER CODE SEC. 13752

DWR 188 (REV. 7-76) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0094537

Page 1 of 4

Owner's Well Number #2

Date Work Began 03/28/2009 Date Work Ended 5/20/2009

Local Permit Agency Tulare County Environmental Health Services

Permit Number 09-138 Permit Date 3/16/09

DWR Use Only – Do Not Fill In

State Well Number/Site Number: 22S/26E-24

Latitude N Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Reverse Rotary Drilling Fluid Polybore

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
40	110	Sand Gravel
110	150	Sand
150	190	Sand Gravel Clay
190	240	Sand Clay
240	290	Sand
290	360	Sand Clay
360	400	Clay
400	1,120	Sand Clay
1120	1,270	Clay

Total Depth of Boring 1270 Feet

Total Depth of Completed Well 1240 Feet

Well Owner

Name Gill & Sons Farm

Mailing Address 16964 Ave 32

City Delano State CA Zip 93292

Well Location

Address 1/4 Mile North of Ave 112 / 50' West of Rd. 208

City Pixley County Tulare

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

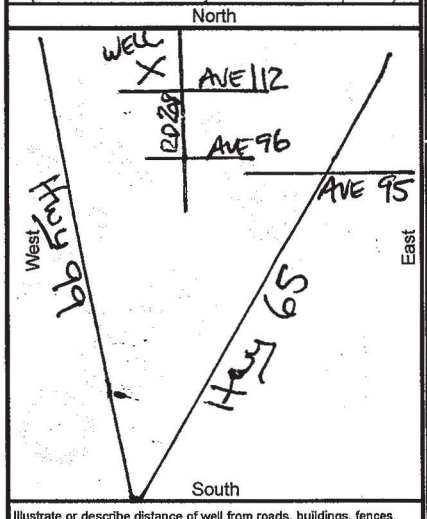
Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 302 Page 280 Parcel 013

Township 22S Range 26E Section 24 S

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

◉ New Well
○ Modification/Repair
○ Deepen
○ Other ___
○ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

◉ Water Supply
☐ Domestic ☐ Public
☑ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other ___

Water Level and Yield of Completed Well

Depth to first water 270 (Feet below surface)

Depth to Static Water Level 270 (Feet) Date Measured 05/06/2009

Estimated Yield * 2,600 (GPM) Test Type Constant Rate

Test Length 12.0 (Hours) Total Drawdown 190 (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
0	40	42	Conductor	A53 Grade B	.375	30		
0	670	26	Blank	A53 Grade B	.312	16		
670	700	26	Ful Flo	Ful Flo A139	.312	16	Louver	0.080
700	800	26	Standard Flo	SF A139	.312	16	Louver	
800	820	26	Ful Flo	Ful flo A139	.312	16	Louver	0.080
820	840	26	Standard Flo	SF A139	.312	16	Louver	

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	40	Cement	Annular Seal
0	1,270	Filter Pack	4x16 SRI

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other ___

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Bakersfield Well & Pump Co.
Person, Firm or Corporation

7212 Fruitvale Ave. Bakersfield CA 93308
Address City State Zip

Signed [signature] 7/13/2009 440537
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0094537

DWR Use Only – Do Not Fill In

State Well Number/Site Number: 22S/26E-24

Latitude: N Longitude: W

APN/TRS/Other

Owner's Well Number #2

Date Work Began 03/28/2009 Date Work Ended 5/20/2009

Local Permit Agency Tulare County Environmental Health Services

Permit Number 09-138 Permit Date 3/16/09

Geologic Log

Orientation: (•) Vertical ( ) Horizontal ( ) Angle Specify

Drilling Method Reverse Rotary Drilling Fluid Polybore

Depth from Surface Feet	to Feet	Description: Describe material, grain size, color, etc
40	110	Sand Gravel
110	150	Sand
150	190	Sand Gravel Clay
190	240	Sand Clay
240	290	Sand
290	360	Sand Clay
360	400	Clay
400	1,120	Sand Clay
1120	1,270	Clay

Total Depth of Boring 1270 Feet

Total Depth of Completed Well 1240 Feet

Well Owner

Name Gill & Sons Farm

Mailing Address 16964 Ave 32

City Delano State CA Zip 93292

Well Location

Address 1/4 Mile North of Ave 112 / 50' West of Rd. 208

City Pixley County Tulare

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 302 Page 280 Parcel 013

Township 22S Range 26E Section 24 S

Location Sketch

(Sketch must be drawn by hand after form is printed.)

North / West / East / South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

(•) New Well

( ) Modification/Repair

( ) Deepen

( ) Other ___

( ) Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

(•) Water Supply

☐ Domestic ☐ Public

☑ Irrigation ☐ Industrial

( ) Cathodic Protection

( ) Dewatering

( ) Heat Exchange

( ) Injection

( ) Monitoring

( ) Remediation

( ) Sparging

( ) Test Well

( ) Vapor Extraction

( ) Other ___

Water Level and Yield of Completed Well

Depth to first water 270 (Feet below surface)

Depth to Static Water Level 270 (Feet) Date Measured 05/06/2009

Estimated Yield * 2,600 (GPM) Test Type Constant Rate

Test Length 12.0 (Hours) Total Drawdown 190 (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
840	900	26	Ful Flo	Ful Flo A139	.312	16	Louver	0.080
900	910	26	Standard Flo	SF A139	.312	16	Louver	
910	930	26	Ful Flo	Ful Flo A139	.312	16	Louver	0.080
930	950	26	Standard Flo	SF A139	.312	16	Louver	
950	990	26	Ful Flo	Ful flo A139	.312	16	Louver	0.080
990	1,030	26	Standard Flo	SF A139	.312	16	Louver	

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	40	Cement	Annular Seal
0	1,270	Filter Pack	4x16 SRI

Attachments

☐ Geologic Log

☐ Well Construction Diagram

☐ Geophysical Log(s)

☐ Soil/Water Chemical Analyses

☐ Other ___

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Bakersfield Well & Pump Co.
Person, Firm or Corporation

7212 Fruitvale Ave. Bakersfield CA 93308
Address City State Zip

Signed [signature] 7/13/2009 440537
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

3/6

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0094537

Page 3 of 4

Owner's Well Number #2

Date Work Began 03/28/2009 Date Work Ended 5/20/2009

Local Permit Agency Tulare County Environmental Health Services

Permit Number 09-138 Permit Date 3/16/09

DWR Use Only – Do Not Fill In

225/26E-24

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Reverse Rotary Drilling Fluid Polybore

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
40	110	Sand Gravel
110	150	Sand
150	190	Sand Gravel Clay
190	240	Sand Clay
240	290	Sand
290	360	Sand Clay
360	400	Clay
400	1,120	Sand Clay
1120	1,270	Clay

Total Depth of Boring 1270 Feet

Total Depth of Completed Well 1240 Feet

Well Owner

Name Gill & Sons Farm

Mailing Address 16964 Ave 32

City Delano State CA Zip 93292

Well Location

Address 1/4 Mile North of Ave 112 / 50' West of Rd. 208

City Pixley County Tulare

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 302 Page 280 Parcel 013

Township 22S Range 26E Section 24 S

Location Sketch

(Sketch must be drawn by hand after form is printed.)

North

West East

South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

◉ New Well

○ Modification/Repair

○ Deepen

○ Other ___

○ Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

◉ Water Supply

☐ Domestic ☐ Public

☑ Irrigation ☐ Industrial

○ Cathodic Protection

○ Dewatering

○ Heat Exchange

○ Injection

○ Monitoring

○ Remediation

○ Sparging

○ Test Well

○ Vapor Extraction

○ Other ___

Water Level and Yield of Completed Well

Depth to first water 270 (Feet below surface)

Depth to Static Water Level 270 (Feet) Date Measured 05/06/2009

Estimated Yield * 2,600 (GPM) Test Type Constant Rate

Test Length 12.0 (Hours) Total Drawdown 190 (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
1,030	1,060	26	Ful Flo	Ful Flo A139	.312	16	Louver	0.080
1,060	1,110	26	Standard Flo	SF A139	.312	16	Louver	
1,110	1,130	26	Ful Flo	Ful Flo A139	.312	16	Louver	0.080
1,130	1,145	26	Standard Flo	SF A139	.312	16	Louver	
1,145	1,170	26	Ful Flo	Ful flo A139	.312	16	Louver	0.080
1,170	1,200	26	Standard Flo	SF A139	.312	16	Louver	

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	40	Cement	Annular Seal
0	1,270	Filter Pack	4x16 SRI

Attachments

☐ Geologic Log

☐ Well Construction Diagram

☐ Geophysical Log(s)

☐ Soil/Water Chemical Analyses

☐ Other ___

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Bakersfield Well & Pump Co.
Person, Firm or Corporation

7212 Fruitvale Ave. Bakersfield CA 93308
Address City State Zip

Signed [signature] 7/13/2009 440537
C-57 Licensed Water Well Contractor Date Signed C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0094537

DWR Use Only – Do Not Fill In

State Well Number/Site Number: 22S/26E-24

Latitude / Longitude

APN/TRS/Other

Owner's Well Number #2

Date Work Began 03/28/2009 Date Work Ended 5/20/2009

Local Permit Agency Tulare County Environmental Health Services

Permit Number 09-138 Permit Date 3/16/09

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Reverse Rotary Drilling Fluid Polybore

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
40	110	Sand Gravel
110	150	Sand
150	190	Sand Gravel Clay
190	240	Sand Clay
240	290	Sand
290	360	Sand Clay
360	400	Clay
400	1,120	Sand Clay
1120	1,270	Clay

Total Depth of Boring 1270 Feet

Total Depth of Completed Well 1240 Feet

Well Owner

Name Gill & Sons Farm

Mailing Address 16964 Ave 32

City Delano State CA Zip 93292

Well Location

Address 1/4 Mile North of Ave 112 / 50' West of Rd. 208

City Pixley County Tulare

Latitude ___ Deg. ___ Min. ___ Sec. N Longitude ___ Deg. ___ Min. ___ Sec. W

Datum ___ Decimal Lat. ___ Decimal Long. ___

APN Book 302 Page 280 Parcel 013

Township 22S Range 26E Section 24 S

Location Sketch

(Sketch must be drawn by hand after form is printed.)

North / West / East / South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

◉ New Well
○ Modification/Repair
- ○ Deepen
- ○ Other ___

○ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

◉ Water Supply
- ☐ Domestic ☐ Public
- ☑ Irrigation ☐ Industrial

○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other ___

Water Level and Yield of Completed Well

Depth to first water 270 (Feet below surface)

Depth to Static Water Level 270 (Feet) Date Measured 05/06/2009

Estimated Yield * 2,600 (GPM) Test Type Constant Rate

Test Length 12.0 (Hours) Total Drawdown 190 (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
1,200	1,220	26	Ful Flo	Ful Flo A139	.312	16	Louver	
1,220	1,240	26	Blank	A53 Grade B	.312	16		

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	40	Cement	Annular Seal
0	1,270	Filter Pack	4x16 SRI

Attachments

- ☐ Geologic Log
- ☐ Well Construction Diagram
- ☐ Geophysical Log(s)
- ☐ Soil/Water Chemical Analyses
- ☐ Other ___

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Bakersfield Well & Pump Co. (Person, Firm or Corporation)

7212 Fruitvale Ave (Address) Bakersfield (City) CA (State) 93308 (Zip)

Signed ___ (C-57 Licensed Water Well Contractor) 7/13/2009 (Date Signed) 440537 (C-57 License Number)

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

24/27-34

ORIGINAL
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No.____
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA

Do Not Fill In
No 118749
State Well No. 24/27E-34
Other Well No.____

(1) OWNER:

Name Buena Vista Orchards
Address P.O. Box 1458
McFarland, Calif. 93250

(2) LOCATION OF WELL:

County Kern Owner's number, if any—
R. F. D. or Street No. ¼ mile East of Hwy 65 and ¼ mile North of Ave. 2

(3) TYPE OF WORK *(check)*:

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE *(check)*:

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☒
Cable ☐
Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐
From 0 ft. to 1750 ft. 14" Diam. ¼" Gage or Wall
" " " " "
" " " " "
" " " " "
" " " " "
" " " " "
Type and size of shoe or well ring
Describe joint collar w/ fillet weld

If gravel packed
Diameter of Bore 25½ from ft. to ft.
" " " "
top to bottom
" " " "
" " " "
Size of gravel: ¼"

(7) PERFORATIONS:

Type of perforator used machine
Size of perforations .125 x 2 in., length, by 6 cc in.
From 600 ft. to 1750 ft. 2 Perf. per row 14 Rows per ft.
" " " " " " " " "
" " " " " " " " "
" " " " " " " " "
" " " " " " " " "

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.
Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata
From ft. to ft.
" " "
Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found unknown ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? ☐ Yes ☒ No
Was electric log made of well? ☒ Yes ☐ No

(11) WELL LOG:

Total depth 1750 ft. Depth of completed well 1750 ft.
Formation: *Describe by color, character, size of material, and structure.*

0 ft. to	9 ft.	top soil
9 "	127 "	sand
127 "	409 "	sandy clay
409 "	564 "	clay
564 "	740 "	sandy clay
740 "	743 "	sand
743 "	881 "	blue clay
881 "	943 "	sandy clay
943 "	1066 "	hard shale
1066 "	1220 "	sandy clay
1220 "	1370 "	blue shale
1370 "	1441 "	hard blue shale
1441 "	1565 "	hard shale
1565 "	1750 "	shale w/ sand streaks

CONFIDENTIAL
Water Code Sec. 13752

Work started 12-28-68 19 , Completed 1-15-68 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) *(Typed or printed)*
Address 1744 Inyo St.
Delano, Calif. 93215
[SIGNED] Donald Whitten
Well Driller
License No. 148282 Dated 10-23-68, 19

87649 5-63 25M QUIN. ⓘ △ SPO

DWR 188 (REV. 3-54)

24/27-20

ORIGINAL
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. 5
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

LOCATION NOT CHECKED
Do Not Fill In
No 60087
State Well No.
Other Well No. 24S/27E-20

(1) OWNER:
Name Lanza Vineyards
Address P.O. Box 397
Delano, Calif.

(2) LOCATION OF WELL:
County Tulare Owner's number, if any—
R. F. D. or Street No.
1/4 mile North of Ave. 16
3/8 mile East of Rd. 216

(3) TYPE OF WORK (*check*):
New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (*check*):
Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) EQUIPMENT:
Rotary [X]
Cable [ ]
Dug Well [ ]

(6) CASING INSTALLED:
SINGLE [X] DOUBLE [ ]

From ft.	to ft.	Diam.	Gage or Wall
1,824 ft.		14"	¼ single

Type and size of shoe or well ring
Describe joint Butt welded

If gravel packed

Diameter of Bore	from ft.	to ft.
26	3/4"	Top to bottom

Size of gravel: 3/8"

(7) PERFORATIONS:
Type of perforator used Machine
Size of perforations 1/8 X 1cc in., length, by in.

From ft.	to ft.	Perf. per row	Rows per ft.
648 ft.	1824 ft.	21	3

(8) CONSTRUCTION:
Was a surface sanitary seal provided? [ ] Yes [X] No To what depth ft.
Were any strata sealed against pollution? [ ] Yes [X] No If yes, note depth of strata

From ft.	to ft.

Method of Sealing

(9) WATER LEVELS:
Depth at which water was first found not known ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:
Was a pump test made? [ ] Yes [X] No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? [ ] Yes [X] No
Was electric log made of well? [ ] Yes [X] No

(11) WELL LOG:
Total depth 1824 ft. Depth of completed well 1824 ft.
Formation: *Describe by color, character, size of material, and structure.*

0 ft. to	86 ft.	Sandy Top Soil
86 "	196 "	Sandy Clay
196 "	200 "	Hard Sand
200 "	285 "	Sandy Clay
285 "	302 "	Hard Sand
302 "	460 "	Sandy Clay
460 "	500 "	Sandy Clay
500 "	540 "	Hard Clay
540 "	543 "	Sand
543 "	620 "	Hard Clay
620 "	640 "	Hard Shale
640 "	723 "	Hard Clay
723 "	763 "	Shale
763 "	840 "	Blue Clay
840 "	843 "	Sand
843 "	1042 "	Blue Clay
1042 "	1105 "	Shale
1105 "	1125 "	Soft Clay
1125 "	1140 "	Shale
1140 "	1230 "	Blue Clay
1230 "	1233 "	Sand
1233 "	1275 "	Blue Shale
1275 "	1295 "	Hard Shale
1295 "	1450 "	Clay
1450 "	1452 "	Hard Shale
1452 "	1481 "	Clay
1481 "	1515 "	Hard Shale
1515 "	1526 "	Clay
1526 "	1570 "	Hard Shale
1570 "	1574 "	Sand
1574 "	1616 "	Hard Shale
1616 "	1626 "	Sand
1626 "	1636 "	Shale
1636 "	1691 "	Clay & Shale
1691 "	1739 "	Sand
1739 "	1824 "	Hard Shale

CONFIDENTIAL
Section 7076.1, Water Code

Work started 12/26/59 19 . Completed 1/21/60 19

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) (Typed or printed)
Address 1744 High Street
Delano, Calif.
[SIGNED] Ronald E. Ryan
Well Driller
License No. 148282 Dated 7-15-60

57025 6-57 30M QUIN △ SFO

DWR 188 (REV. 3-54)

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e059519

Page 1 of 2

Owner's Well Number

Date Work Began 07/12/2007 Date Work Ended 9/25/2007

Local Permit Agency Tulare County Environmental Health Department

Permit Number 07-0234 Permit Date 5/23/07

DWR Use Only – Do Not Fill In

23S/27E-34

State Well Number/Site Number

N Latitude W Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Direct Rotary Drilling Fluid Bentonite mud

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
0	32	Drill conductor
32	115	Fine to coarse sand
115	125	80% fine to coarse sand, 20% clay
125	135	Coarse sand with some clay
135	155	Fine to coarse sand
155	186	Fine to coarse sand with a little clay
186	245	5% fine to medium sand, 95% brown clay
245	330	95% brown and white clay, 5% medium sand
330	345	60% brown clay, 40% fine to medium sand
345	350	Brown clay
350	370	70% brown clay, 30%fine to medium sand
370	470	80% brown clay, 20% fine to medium sand
470	483	60% white and brown clay, 40% fine to medium sand
483	493	90% white and brown clay, 10% sand
493	503	80% fine to medium sand, 20% clay
503	535	95% blue & brown clay, 5% fine sand
535	567	Blue and brown clay, with some shale and fine sand
567	785	80% blue and brown clay, 20% sand
785	816	Hard blue and brown clay with some sand
816	878	90% blue-green shale and fine sand
878	888	80% blue clay and shale with some fine sand
888	898	90% clay and hard shale with fine to medium sand
898	970	Clay and hard shale
970	1,006	Clay and hard shale with some fine sand
1006	1,038	80% blue clay with shale and fine sand
1038	1,058	70% blue clay and shale with fine to medium sand
1058	1,100	80% blue clay and shale with fine sand
1100	1,110	60% clay and shale, 40% fine to coarse sand
1110	1,130	Blue clay and shale with some fine sand

Total Depth of Boring 1832 Feet

Total Depth of Completed Well 1800 Feet

Well Owner

Name JAY, LLC

Mailing Address 5060 California Avenue, Suite 910

City Bakersfield State CA Zip 93309

Well Location

Address Hwy 56 & 240th, 1 mile SW

City Ducor County Tulare

Latitude 35 Deg. 52 Min. 51 Sec. N Longitude 119 Deg. 2 Min. 37 Sec. W

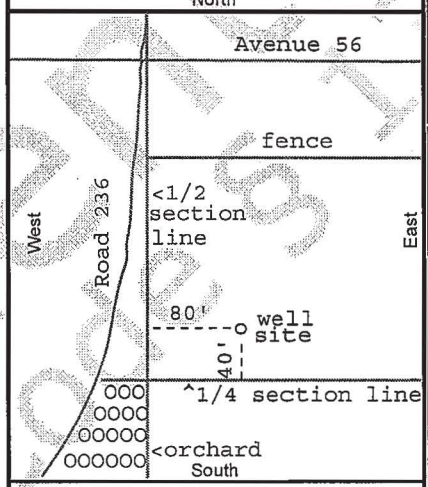
Datum WGS84 Decimal Lat. Decimal Long.

APN Book 321 Page 160 Parcel 009

Township 23S Range 27E Section 34

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

◉ New Well
○ Modification/Repair
○ Deepen
○ Other
○ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

◉ Water Supply
☐ Domestic ☐ Public
☑ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water 511 (Feet below surface)

Depth to Static Water Level 511 (Feet) Date Measured 09/25/2007

Estimated Yield * 2,000 (GPM) Test Type Constant Rate

Test Length 8.0 (Hours) Total Drawdown 26 (Feet)

*May not be representative of a well's long term yield. PL 537

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
0	20	36	Conductor	A53B	.375	30		
0	160	26	Solid	A53B	.375	16		
160	760	26	Solid	A53B	.312	16		
760	880	26	Perforated	A53B	.312	16	Millslot	0.070
880	1,000	26	Perforated	A53B	.312	16	Millslot	0.070
1,000	1,260	26	Perforated	A53B	.312	16	Millslot	0.040

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	150	Cement	10-sack
150	1,832	Filter Pack	1/4 x 10 Gravel

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Rottman Drilling Co.
Person, Firm or Corporation

46471 N. Division Street Lancaster CA 93535-5906
Address City State Zip

Signed Matthew W Rottman
C-57 Licensed Water Well Contractor

10/26/07
Date Signed

316599
C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

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2/2

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e059520

Page 2 of 2

Owner's Well Number

Date Work Began 07/12/2007 Date Work Ended 9/25/2007

Local Permit Agency Tulare County Environmental Health Department

Permit Number 07-0234 Permit Date 5/23/07

DWR Use Only – Do Not Fill In

State Well Number/Site Number: 23S/27E-34

Latitude N / Longitude W

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Direct Rotary Drilling Fluid Bentonite mud

Depth from Surface Feet	to Feet	Description (Describe material, grain size, color, etc)
1,130	1,200	Blue clay and shale with some fine sand
1,200	1,210	Blue clay, 30% fine to medium sand
1210	1,240	blue clay, shale, and some fine sand
1240	1,290	Fie to medium sand with some clay
1290	1,330	Blue clay with some sand
1330	1,400	Grey-blue clay and shale
1400	1,440	Fine to coarse sand with some clay
1440	1,452	70% clay with fine to medium sand
1452	1,534	Fine to coarse sand, 30%clay
1534	1,630	Fine to coarse sand, 30%clay with some silt
1630	1,693	Fine to coarse sand with some clay and silt
1693	1,724	Fine sand with some silty clay
1724	1,755	Fine to coarse sand with silty blue-green clay
1755	1,774	Blue-green silty clay with shale and fine sand
1774	1,786	Coarse sand with hard silty clay
1786	1,817	Hard blue clay with a little sand or shale
1817	1,832	Hard blue clay

Total Depth of Boring 1832 Feet

Total Depth of Completed Well 1800 Feet

Well Owner

Name JAY, LLC

Mailing Address 5060 California Avenue, Suite 910

City Bakersfield State CA Zip 93309

Well Location

Address Hwy 56 & 240th, 1 mile SW

City Ducor County Tulare

Latitude 35 Deg. 52 Min. 51 Sec. N Longitude 119 Deg. 2 Min. 37 Sec. W

Datum WGS84 Decimal Lat. Decimal Long.

APN Book 321 Page 160 Parcel 009

Township 23S Range 27E Section 34

Location Sketch

(Sketch must be drawn by hand after form is printed.)

North

West — SEE PAGE 1 — East

South

Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. Please be accurate and complete.

Activity

◉ New Well
○ Modification/Repair
○ Deepen
○ Other
○ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

◉ Water Supply
☐ Domestic ☐ Public
☑ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water 511 (Feet below surface)

Depth to Static Water Level 511 (Feet) Date Measured 09/25/2007

Estimated Yield * 2,000 (GPM) Test Type Constant Rate

Test Length 8.0 (Hours) Total Drawdown 26 (Feet)

*May not be representative of a well's long term yield. PL 537

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
1,260	1,500	26	Perforated	A53B	.312	16	Millslot	0.080
1,500	1,740	26	Perforated	A53B	.312	16	Millslot	0.070

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	150	Cement	10-sack
150	1,832	Filter Pack	1/4 x 10 Gravel

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Rottman Drilling Co.
Person, Firm or Corporation

46471 N. Division Street Address — Lancaster City — CA State — 93535-5906 Zip

Signed Address W Rottman C-57 Licensed Water Well Contractor — 10/26/07 Date Signed — 316599 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

Page 1 of 1

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 0925804

DWR USE ONLY — DO NOT FILL IN
23S/27E-27
STATE WELL NO./STATION NO.
LATITUDE | LONGITUDE
APN/TRS/OTHER

Owner's Well No. North
Date Work Began 6-4-04, Ended 8-20-04
Local Permit Agency Tulare County Environmental Health
Permit No. 5400542 Permit Date 5-19-04

GEOLOGIC LOG

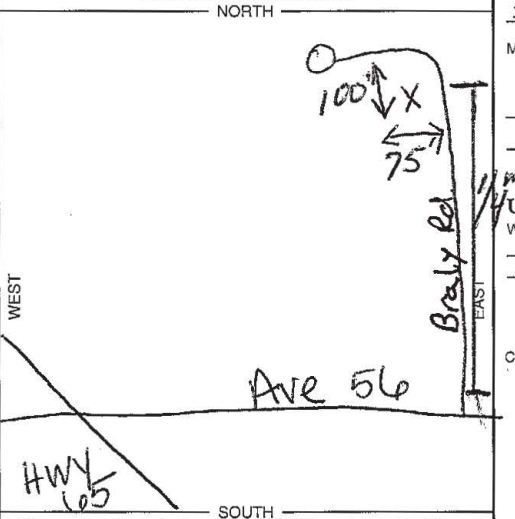
ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD Reverse Circulation FLUID Poly Bore

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	60	Clay & Gravel
60	200	Sand & Clay
200	240	Sand & Little Clay
240	370	Sand & Grey Clay
370	380	Clay & Little Sand
380	390	Green Clay & Sand
390	400	Clay & Little Sand
400	410	Sand & Clay
410	440	Green Clay & Sand
440	540	Green Clay & Fine Sand
540	550	Green Clay Sand & Little Rock
550	930	Sand & Grey Clay
930	940	Grey Clay
940	960	Fine Sand & Grey Clay
960	1000	Sand Grey Clay & Shell
1000	1060	Sand & Grey Clay
1060	1090	Sand Grey Clay & Little Rock
1090	1150	Sand & Grey Clay
1150	1230	Sand Shell & Grey Clay
1230	1270	Shell & Grey Clay
1270	1290	Fine Sand & Shell & Grey Clay
1290	1380	Fine Sand & Grey Clay
1380	1430	Grey Clay
1430	1460	Fine Sand & Grey Clay
1460	1500	Grey Clay

TOTAL DEPTH OF BORING 1425 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1405 (Feet)

WELL OWNER
Name Ducor Community Services Dist
Mailing Address P.O. Box 137
Ducor CA 93218
CITY STATE ZIP

WELL LOCATION
Address ¼ Mile N. of Ave 56 75' W of Brady
City Ducor
County Tulare
APN Book 321 Page 080 Parcel 025
Township 23 Range 27E Section 27
Lat ___ DEG. ___ MIN. ___ SEC. N
Long ___ DEG. ___ MIN. ___ SEC. W

LOCATION SKETCH


Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)
X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic X Public
___ Irrigation ___ Industrial
___ MONITORING
___ TEST WELL
___ CATHODIC PROTECTION
___ HEAT EXCHANGE
___ DIRECT PUSH
___ INJECTION
___ VAPOR EXTRACTION
___ SPARGING
___ REMEDIATION
___ OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER 502 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 502 (Ft.) & DATE MEASURED 7-26-04
ESTIMATED YIELD * 550 (GPM) & TEST TYPE Constant/ Flowmeter
TEST LENGTH 24 (Hrs.) TOTAL DRAWDOWN 97 (Ft.)
** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	42			x		ASTM 139	30	5/16	
+2	1015	26	x				ASTM A 606	14	5/16	
1015	1035	26	x				ASTM A 606	14	5/16	Comp Section
1035	1385	26		x			A 606 Ful Flo	14	5/16	.060
1385	1405	26	x				ASTM A 606	14	5/16	
+2	1010	26				x	A53 Grade B	3	Sch.40	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	995	x			
995	1000		x		
1000	1425				6x16
					CCSI

ATTACHMENTS (✓)
___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Bakersfield Well & Pump Co.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

7212 Fruitvale Ave Bakersfield CA 93308
ADDRESS CITY STATE ZIP

Signed [signature] 11-11-04
C-57 LICENSED WATER WELL CONTRACTOR DATE SIGNED

440537
C-57 LICENSE NUMBER

DWR 188 REV. 05-03 IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM OSP 03 78836

23/27-19R1

ORIGINAL
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No.____
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

LOCATION NOT CHECKED
Do Not Fill In
No 14164
State Well No. 19R1
Other Well No. 23S/27E-34

(1) OWNER:

Name Guimarra Vineyards Co.

Address P. O. Box 1653
Bakersfield, Calif.

(2) LOCATION OF WELL:

County Tulare Owner's number, if any— 5

R. F. D. or Street No. E. End of Road 64

(3) TYPE OF WORK (*check*):

New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (*check*):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) EQUIPMENT:

Rotary [X]
Cable [ ]
Dug Well [ ]

(6) CASING INSTALLED:

SINGLE [X] DOUBLE [ ]

From ft.	to ft.	Diam.	Gage or Wall
0	795	16"	5/16"
~~795~~			
780	1610	14"	1/4"

Type and size of shoe or well ring

Describe joint

If gravel packed

Diameter of Bore	from ft.	to ft.
27½"-0	1610	

Size of gravel: 1/2"

(7) PERFORATIONS:

Type of perforator used Machine

Size of perforations 125 mesh in., length, by 2" in.

From ft.	to ft.	Perf. per row	Rows per ft.
645	1610	14 rows on 6" centers	

(8) CONSTRUCTION:

Was a surface sanitary seal provided? [ ] Yes [ ] No To what depth ft.

Were any strata sealed against pollution? [X] Yes [ ] No If yes, note depth of strata

From 1610 ft. to 1817 ft.

Method of Sealing cemented

(9) WATER LEVELS:

Depth at which water was first found ft.

Standing level before perforating ft.

Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? [X] Yes [ ] No If yes, by whom? L.S.A.Camp Co.

Yield: 3500 gal./min. with 37 ft. draw down after 6 ~~hours~~ hrs.

Temperature of water Was a chemical analysis made? [ ] Yes [ ] No

Was electric log made of well? [X] Yes [ ] No

(11) WELL LOG:

Total depth 1817' ft. Depth of completed well 1610 ft.

Formation: *Describe by color, character, size of material, and structure.*

0	ft. to	15 ft.	Surface
15	"	130 "	Sand with strs of clay
130	"	360 "	Sandy brown clay
360	"	460 "	Sandy br. clay w/ stks of sand
460	"	696 "	Sandy blue " " " "
696	"	800 "	Sandy clay
800	"	845 "	Hard Sand
845	"	900 "	Hard Sandy Blue Clay
900	"	960 "	Sand w/ thin streaks blue clay
960	"	1127 "	Blue shale
1127	"	1220 "	Hard blue shale w/ stks hard sand
1220	"	1517 "	Blue clay w/ streaks of sand
1517	"	1817 "	Sand w/ streaks of blue clay and hard shale

CONFIDENTIAL
Section 7076.1, Water Code

Work started 6-5-57 19 , Completed 6-21-57 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME HYLTON DRILLING CO.
(Person, firm, or corporation) (*Typed or printed*)

Address 716 Eye Street
Bakersfield, Calif.

[SIGNED] Reese Hylton
Well Driller

License No. 111580 Dated June 25, 1957

25669 2-54 50M QUIN ⊙ BPO

ORIGINAL
File with DWR

Page 1 of 2

Owner's Well No. _____

Date Work Began 5-19-08, Ended 6-30-08

Local Permit Agency TULARE COUNTY

Permit No. 08-0200 Permit Date 4-23-08

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 0942277

DWR USE ONLY — DO NOT FILL IN
23S/27E-07 1/2
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

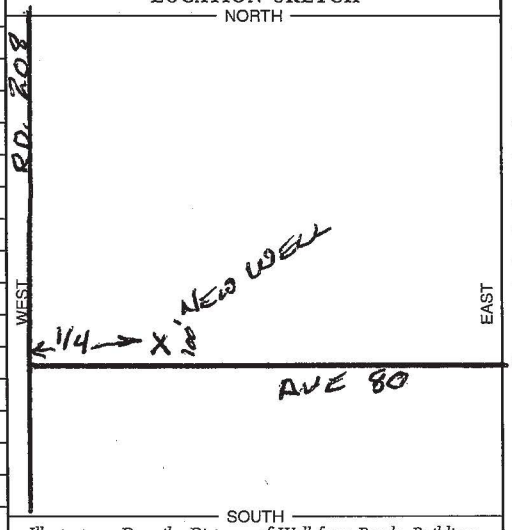
ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD ROTARY FLUID MUD

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	50	TOP SOIL
50	100	SAND
100	140	SANDY CLAY
140	150	SAND
150	180	CLAY
180	190	SAND
190	290	CLAY
290	310	SAND
310	350	SANDY CLAY
350	360	SAND
360	390	SANDY CLAY
390	410	SAND
410	490	SANDY CLAY
490	510	SAND
510	660	SANDY CLAY
660	690	SAND
690	730	SANDY CLAY
730	750	SAND
750	820	SANDY CLAY
820	830	CLAY
830	850	SAND
850	960	SANDY CLAY
960	980	SAND
980	1010	SHALE
1010	1050	SANDY CLAY
1050	1060	CLAY
1060	1080	SAND
1080	1090	CLAY
1090	1100	SAND
1100	1110	CLAY

TOTAL DEPTH OF BORING _____ (Feet)
TOTAL DEPTH OF COMPLETED WELL _____ (Feet)

WELL OWNER
Name DOLE FRESH FRUIT CO
Mailing Address 1 DOLE AVE
City WESTLAKE VILLAGE State CA ZIP 91362

WELL LOCATION
Address 1145 RD 208 100 N/O AVE 80
City TERRA BELLA
County TULARE
APN Book 320 Page 010 Parcel 013
Township 23S Range 27E Section 07
Lat ___ DEG. ___ MIN. ___ SEC. N Long ___ DEG. ___ MIN. ___ SEC. W

LOCATION SKETCH


Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic ___ Public
X Irrigation ___ Industrial
___ MONITORING
___ TEST WELL
___ CATHODIC PROTECTION
___ HEAT EXCHANGE
___ DIRECT PUSH
___ INJECTION
___ VAPOR EXTRACTION
___ SPARGING
___ REMEDIATION
___ OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 476 (Ft.) & DATE MEASURED 8-6-08
ESTIMATED YIELD * 1300 (GPM) & TEST TYPE PUMP
TEST LENGTH 16 (Hrs.) TOTAL DRAWDOWN 551 (Ft.)
** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	40					X	A53B	33/4	.188	
0	625		X				A53B	15 1/4	.312	
625	1800			X			A53B	15 1/4	.312	.90

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	30	X			
30	1800				1/4" GRAVEL

ATTACHMENTS (✓)
___ Geologic Log
___ Well Construction Diagram
X Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other _____
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME WHITTEN PUMP INC. (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
502 COUNTYLINE RD DELANO CA 93215
ADDRESS CITY STATE ZIP
Signed Jack A. Whitten C-57 LICENSED WATER WELL CONTRACTOR
8/11/2008 DATE SIGNED
748282 C-57 LICENSE NUMBER

DWR 188 REV. 05-03 IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM OSP 03 78836

ORIGINAL
File with DWR

(Continued)

Page 2 of 2

Owner's Well No. _____

Date Work Began 5-19-08, Ended 6-30-08

Local Permit Agency Tulare County

Permit No. 08-0200 Permit Date _____

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 0942278

DWR USE ONLY — DO NOT FILL IN
23S/27E-07 2/2
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD _____ FLUID _____

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
1110	1130	SAND
1130	1140	CLAY
1140	1150	SAND
1150	1170	CLAY
1170	1190	SAND
1190	1220	CLAY
1220	1250	SAND
1250	1290	SANDY CLAY
1290	1310	CLAY
1310	1330	SAND
1330	1350	CLAY
1350	1360	SAND
1360	1440	CLAY
1440	1450	SANDY CLAY
1450	1570	SAND
1570	1580	CLAY
1580	1610	SAND
1610	1670	CLAY
1670	1720	SAND
1720	1760	SAND CLAY
1760	1800	SAND

TOTAL DEPTH OF BORING _____ (Feet)
TOTAL DEPTH OF COMPLETED WELL _____ (Feet)

WELL OWNER

Name DOLE FRESH FRUIT CO
Mailing Address _____
CITY _____ STATE _____ ZIP

WELL LOCATION

Address _____
City _____
County _____
APN Book _____ Page _____ Parcel _____
Township 23S Range 27E Section 07
Lat _____ DEG. _____ MIN. _____ SEC. N
Long _____ DEG. _____ MIN. _____ SEC. W

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)

WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL _____ (Ft.) & DATE MEASURED _____
ESTIMATED YIELD * _____ (GPM) & TEST TYPE _____
TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (Ft.)
** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other _____

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME _____ (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS _____ CITY _____ STATE _____ ZIP

Signed Daniel A. Whitt C-57 LICENSED WATER WELL CONTRACTOR
DATE SIGNED 8/11/2008
C-57 LICENSE NUMBER _____

DWR 188 REV. 05-03

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

OSP 03 78836

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. _____

Date Work Began 01-03-01 Ended 01-30-01

Local Permit Agency TULARE COUNTY ENVIRONMENTAL HEALTH

Permit No. _____ Permit Date 01-03-01

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 783343

DWR USE ONLY — DO NOT FILL IN

23S/26E-23R1
STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE (SPECIFY)

DRILLING METHOD ROTARY FLUID BENTONITE MUD

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	260	SANDY CLAY
260	275	SAND
275	500	SANDY CLAY
500	515	SAND
515	570	SANDY CLAY
570	590	CLAY
590	635	SANDY CLAY
635	660	SAND
660	700	SANDY CLAY
700	720	SAND
720	770	SANDY CLAY
770	795	CLAY
795	875	SANDY CLAY
875	895	SAND
895	960	SANDY CLAY
960	995	SAND
995	1105	SANDY CLAY
1105	1120	SAND
1120	1145	CLAY
1145	1165	SAND
1165	1240	SANDY CLAY
1240	1265	CLAY
1265	1510	CLAY WITH SAND STREAKS
1510	1530	SAND
1530	1620	SANDY CLAY
1620	1645	SAND
1645	1670	SANDY CLAY
1670	1685	SAND
1685	1690	SANDY CLAY
1690	1720	SAND

TOTAL DEPTH OF BORING 1720 Feet

TOTAL DEPTH OF COMPLETED WELL 1700 Feet

WELL OWNER

Name A.L.G. ENTERPRISES

Mailing Address RT. 2, BOX 299

DELANO CA. 93215
CITY STATE ZIP

WELL LOCATION

Address 1-1/8 MILE NORTH OF AVENUE 56 AND

City 1/4 MILE WEST OF ROAD 200

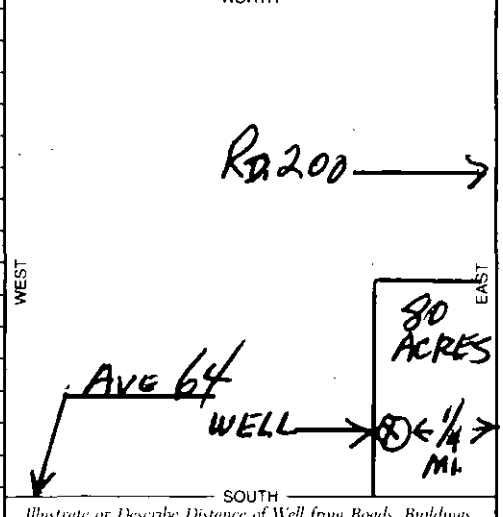
County TULARE COUNTY ENVIRONMENTAL HEALTH

APN Book 319 Page 160 Parcel 01

Township 23S Range 26E Section 23R

Latitude ___ DEG ___ MIN ___ SEC NORTH Longitude ___ DEG ___ MIN ___ SEC WEST

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

X NEW WELL

MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USES (✓)

WATER SUPPLY
X Domestic ___ Public
X Irrigation ___ Industrial

___ MONITORING
___ TEST WELL
___ CATHODIC PROTECTION
___ HEAT EXCHANGE
___ DIRECT PUSH
___ INJECTION
___ VAPOR EXTRACTION
___ SPARGING
___ REMEDIATION
___ OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER _____ (Ft) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL _____ (Ft.) & DATE MEASURED _____

ESTIMATED YIELD * _____ (GPM) & TEST TYPE _____

TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (Ft.)

** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	600	27	X				A53B	15.37	.312	
600	1700	27		X			A53B	15.37	.312	.100X2-1/2
0	30					X	A252	3.75		

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	20	X			
20	1700				1/4" GRAVEL

ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other _____

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME WHITTEN PUMPS, INC.
(PERSON, FIRM OR CORPORATION) (TYPED OR PRINTED)

502 COUNTY LINE RD. DELANO CA. 93215
ADDRESS CITY STATE ZIP

Signed Donald E Whitten 3/9/01 148282
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

Page 1 of 1
Owner's Well No. _____
Date Work Began 3/16/05, Ended 4/13/05
Local Permit Agency Environmental Health Services
Permit No. 23791 Permit Date 2/24/05

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 0915717

DWR USE ONLY — DO NOT FILL IN
23S/26E-11
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

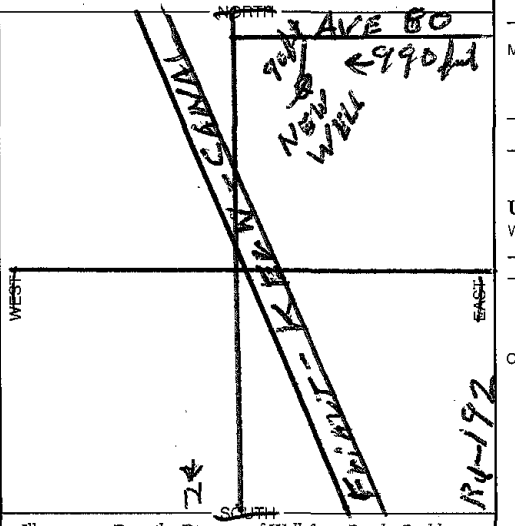
ORIENTATION (✓) ___ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD _____ FLUID _____

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
50'	30"	Cond. Pipe
50	58	Clay
58	80	Sand
80	118	Clay
118	128	Sand
128	200	Clay
200	220	Sand
220	225	Clay
225	238	Sand
238	280	Clay
280	290	Sand
290	440	Sand, Clay
440	458	Sand, Rock
458	568	Sand, Clay
568	578	Sand
578	660	Clay
660	718	Sand, Rock
718	720	Clay
720	742	Sand
742	768	Clay
768	778	Sand
778	788	Clay
788	818	Sand
818	828	Clay, Sand
828	898	Sand
898	920	Clay
920	1000	Sand
1000	1069	Clay

TOTAL DEPTH OF BORING 1069 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1011 (Feet)

WELL OWNER
Name Road 208 Ranches
Mailing Address 20191 Ave. 128
Porterville (CITY) Ca. (STATE) 93257 (ZIP)

WELL LOCATION
Address Ave. 56 E. to 192, 192 N. to Ave. 80,
City Ave. 80, 3/8 mi. E. On L. side of rd.
County Tulare
APN Book ___ Page ___ Parcel ___
Township 23 Range 26 Section 11
Lat ___ DEG. ___ MIN. ___ SEC. N
Long ___ DEG. ___ MIN. ___ SEC. W

LOCATION SKETCH


Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)
X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic ___ Public
X Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL _____ (Ft.) & DATE MEASURED _____
ESTIMATED YIELD * _____ (GPM) & TEST TYPE _____
TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (Ft.)
** May not be representative of a well's long-term yield.*

CASING (S)

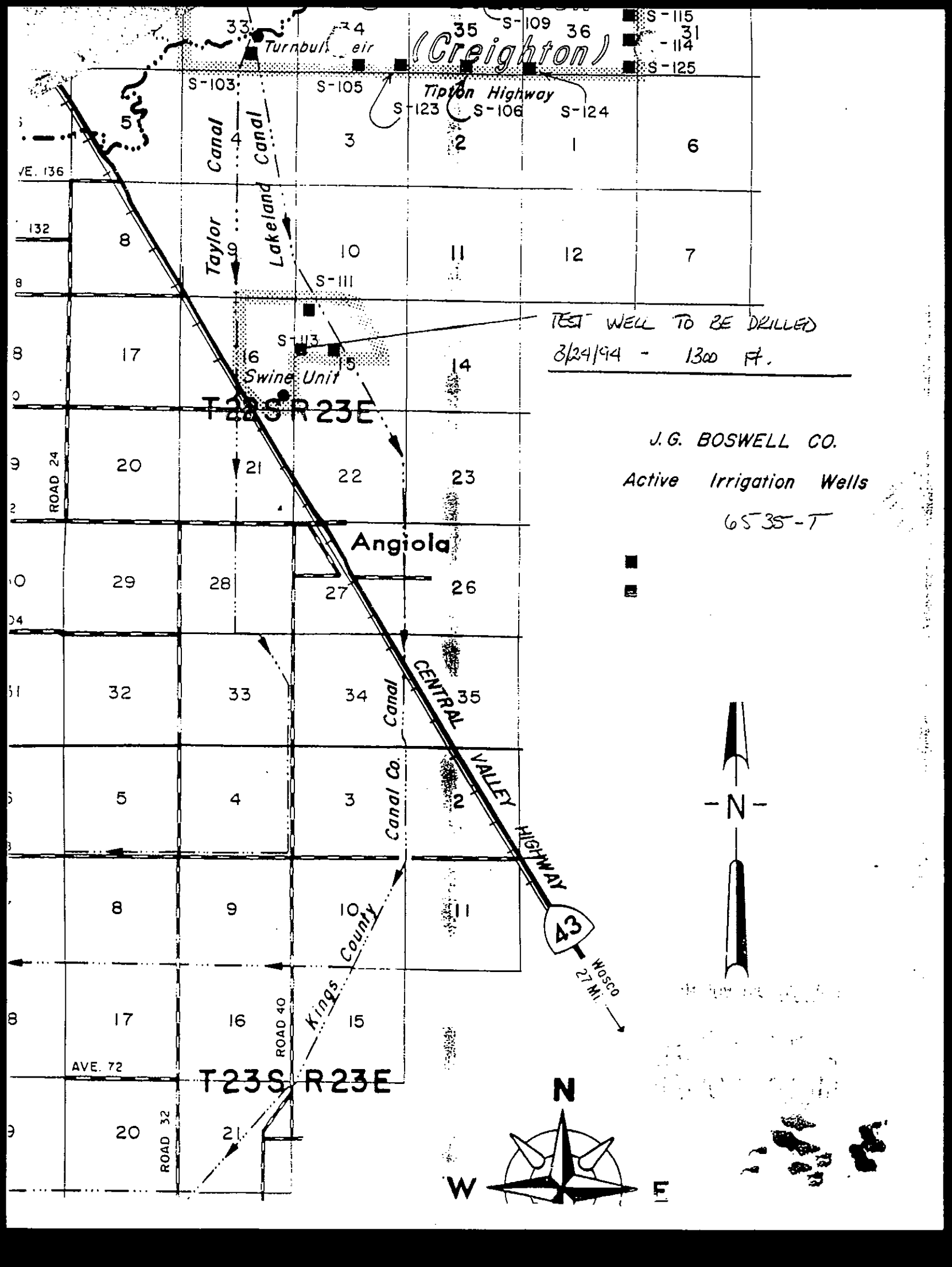
DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	1011	27½						16	312	.090
										32 Row
Blank Casing - 567'										
Perf. " - 444'										
0 - 50' top sanitary seal										

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)
___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other _____
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME WASCO DRILLING COMPANY, INC. (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS P. O. Box 181 CITY Wasco STATE Ca. ZIP 93280
Signed _____ C-57 LICENSED WATER WELL CONTRACTOR
DATE SIGNED 4/18/05
C-57 LICENSE NUMBER 582658


(Creighton)
Tipton Highway
Turnbull Weir
S-103
S-105
S-106
S-109
S-111
S-113
S-114
S-115
S-123
S-124
S-125
TEST WELL TO BE DRILLED
8/24/94 - 1300 FT.
Taylor Canal
Lakeland Canal
Swine Unit
T22S R23E
T23S R23E
Angiola
CENTRAL VALLEY HIGHWAY
43
WASCO 27 MI.
Canal Co.
Kings County
ROAD 24
ROAD 40
ROAD 32
AVE. 72
J.G. BOSWELL CO.
Active Irrigation Wells
65-35-T
N
W
E

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0079777

Page 1 of 1

Owner's Well Number 1

Date Work Began 10/15/2007 Date Work Ended 2/25/2008

Local Permit Agency Tulare Co. Environmental Health

Permit Number 07-0493 Permit Date 10/4/07

DWR Use Only – Do Not Fill In

State Well Number/Site Number: 22S/23E-05

Latitude N / Longitude W

APN/TRS/Other

Geologic Log

Orientation ○ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Drilling Fluid

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
50	220	Fine Sand
220	280	Sand , Light Clay
280	310	Fine Sand
310	380	Fine Sand , Light Clay
380	450	Fine Sand , Light Clay
450	590	Clay
590	830	Fine Sand , Light Clay
830	970	Clay , Light Sand
970	1,050	Clay , Sand
1050	1,060	Fine Sand , Clay
1060	1,240	Sand , Clay ,

Total Depth of Boring 1240 Feet

Total Depth of Completed Well 1240 Feet

Well Owner

Name Artesia Dairy Farm

Mailing Address 13406 Road 24

City Corcoran State Ca Zip 93212

Well Location

Address West side Hwy. 43 @ Ave. 136

City Corcoran County Tulare

Latitude 36 Deg. 2 Min. 24 Sec. N Longitude 119 Deg. 30 Min. 49 Sec. W

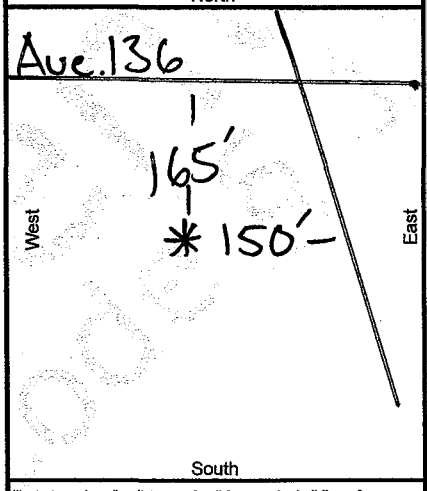
Datum Decimal Lat. Decimal Long.

APN Book 291 Page 030 Parcel 043

Township 22S Range 23E Section 5

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

- (●) New Well
- ( ) Modification/Repair
  - ( ) Deepen
  - ( ) Other
- ( ) Destroy

Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

- (●) Water Supply
  - [☑] Domestic [☐] Public
  - [☑] Irrigation [☐] Industrial
- ( ) Cathodic Protection
- ( ) Dewatering
- ( ) Heat Exchange
- ( ) Injection
- ( ) Monitoring
- ( ) Remediation
- ( ) Sparging
- ( ) Test Well
- ( ) Vapor Extraction
- ( ) Other

Water Level and Yield of Completed Well

Depth to first water 275 (Feet below surface)

Depth to Static Water Level 275 (Feet) Date Measured 02/25/2008

Estimated Yield * 1,650 (GPM) Test Type Constant Rate

Test Length 6.0 (Hours) Total Drawdown 430 (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
0	50	40	Conductor	A 53 Grade B	5/16	32		
0	590	26	Blank	A 53 Grade B	5/16	16		
590	700	26	Screen	A 53 Grade B	5/16	16	Milled Slots	0.060
700	910	26	Blank	A 53 Grade b	5/16	16		
910	1,240	26	Screen	A 53 Grade B	5/16	16	Milled Slots	0.060

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	100	Cement	Sanitary Seal
100	1,240	Filter Pack	6 X 12

Attachments

- [☐] Geologic Log
- [☐] Well Construction Diagram
- [☐] Geophysical Log(s)
- [☐] Soil/Water Chemical Analyses
- [☐] Other

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Bakersfield Well & Pump Co.
Person, Firm or Corporation

7212 Fruitvale Avenue Address Bakersfield City CA State 93308 Zip

Signed C-57 Licensed Water Well Contractor

9-24-2008 Date Signed

440537 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

23/24-27C

ORIGINAL

File Original, Duplicate and Triplicate with the REGIONAL WATER POLLUTION CONTROL BOARD No. 5 *(Insert appropriate number)*

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

LOCATION NOT CHECKED
Do Not Fill In
No 63272
State Well No. 27C1
Other Well No. 23S/24E-27

(1) OWNER:

Name Dr. A. W. Carlson
Address P.O. Box 427
McFarland, Calif.

(2) LOCATION OF WELL:

County Tulare Owner's number, if any—
R. F. D. or Street No.
1/2 mile East of Road 88 and
1 mile North of Ave. 56.
1255 & 0.45 mi E/o NW Cor.

(3) TYPE OF WORK (*check*):

New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (*check*):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) EQUIPMENT:

Rotary [X]
Cable [ ]
Dug Well [ ]

(6) CASING INSTALLED:

SINGLE [X] DOUBLE [ ]

From ft.	to ft.	Diam.	Gage or Wall
600 ft.	16"	1/4	single
1002 ft.	14"	1/4	single

Type and size of shoe or well ring
Describe joint Butt Welded

If gravel packed

Diameter of Bore 26" from ft. to ft.
Top to bottom

Size of gravel: 3/8"

(7) PERFORATIONS:

Type of perforator used Machine
Size of perforations 1/8 X 1cc in., length, by in.

From ft.	to ft.	Perf. per row	Rows per ft.
804 ft.	to 1602 ft.	4	18

(8) CONSTRUCTION:

Was a surface sanitary seal provided? [ ] Yes [X] No To what depth ft.
Were any strata sealed against pollution? [ ] Yes [X] No If yes, note depth of strata

From ft. to ft.

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found Unknown ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? [ ] Yes [X] No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? [ ] Yes [X] No
Was electric log made of well? [ ] Yes [X] No

(11) WELL LOG:

Total depth 1602 ft. Depth of completed well 1602 ft.
Formation: *Describe by color, character, size of material, and structure.*

0 ft. to	3 ft.	Top Soil
3 "	279 "	Sandy Clay
279 "	330 "	Clay
330 "	334 "	Sand
334 "	420 "	Sandy Clay
420 "	423 "	Sand
423 "	466 "	Sandy Clay
466 "	490 "	Clay
490 "	493 "	Sand
493 "	580 "	Sandy Clay
580 "	634 "	Clay
634 "	645 "	Shale
645 "	670 "	Clay
670 "	680 "	Shale
680 "	726 "	Clay
726 "	770 "	Blue Clay
770 "	773 "	Sand
773 "	778 "	Shale
778 "	820 "	Blue Clay
820 "	823 "	Sand
823 "	879 "	Blue Clay
879 "	910 "	Clay
910 "	970 "	Sandy Clay
970 "	1029 "	Clay
1029 "	1040 "	Shale
1040 "	1095 "	Sandy Clay
1095 "	1100 "	Sand
1100 "	1125 "	Sandy Clay
1125 "	1221 "	Hard Shale
1221 "	1310 "	Hard Clay
1310 "	1320 "	Hard Shale
1320 "	1324 "	Sand
1324 "	1355 "	Clay
1355 "	1450 "	Hard Shale
1450 "	1454 "	Sand
1454 "	1503 "	Shale
1503 "	1595 "	Shale & Clay
1595 "	1602 "	Hard Shale

DTW = 170' 11-18-70 JD

Work started 1/28/61 19 . Completed 2/18/61 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) *(Typed or printed)*
Address 1744 High Street
Delano, California

[SIGNED] Ernest Whitten
Well Driller

License No. 148282 Dated 3/27/61

*The free Adobe Reader may be used to view and complete this form. However, software must be purchased to complete, save, and reuse a saved form.

File Original with DWR

Page 1 of 3

Owner's Well Number

Date Work Began 03/18/2009 Date Work Ended 4/20/2009

Local Permit Agency Tulare County Environmental Health Services

Permit Number 09-0120 Permit Date 3/9/09

State of California

Well Completion Report

Refer to Instruction Pamphlet

No. e0094489

DWR Use Only – Do Not Fill In

24S/26E-30

State Well Number/Site Number

N W

Latitude Longitude

APN/TRS/Other

Geologic Log

Orientation ◉ Vertical ○ Horizontal ○ Angle Specify

Drilling Method Reverse Rotary Drilling Fluid Water

Depth from Surface Feet	to Feet	Description Describe material, grain size, color, etc
50	80	Sand Gravel
80	120	Sand Gravel Clay
120	160	Sand
160	280	Sand Clay
280	360	Sand Gravel
360	470	Sand Gravel Clay
470	500	Clay
500	550	Sand Clay
550	640	Sand Gravel Clay
640	770	Sand Clay
770	820	Sand Gravel Clay
820	1,190	Clay Sand
1190	1,290	Clay
1290	1,330	Sand Clay
1330	1,410	Clay

Total Depth of Boring 1410 Feet

Total Depth of Completed Well 1150 Feet

Well Owner

Name Dhillon Farms

Mailing Address 15676 County Line Rd.

City Delano State CA Zip 93292

Well Location

Address N / W corner of Ave 12, Rd. 168

City Delano County Tulare

Latitude Deg. Min. Sec. N Longitude Deg. Min. Sec. W

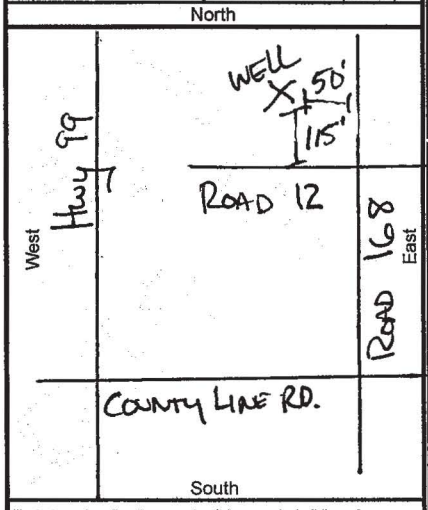
Datum Decimal Lat. Decimal Long.

APN Book 338 Page 080 Parcel 018

Township 24 S Range 26 E Section 30

Location Sketch

(Sketch must be drawn by hand after form is printed.)



Illustrate or describe distance of well from roads, buildings, fences, rivers, etc. and attach a map. Use additional paper if necessary. **Please be accurate and complete.**

Activity

◉ New Well
○ Modification/Repair
○ Deepen
○ Other
○ Destroy
Describe procedures and materials under "GEOLOGIC LOG"

Planned Uses

◉ Water Supply
☐ Domestic ☐ Public
☑ Irrigation ☐ Industrial
○ Cathodic Protection
○ Dewatering
○ Heat Exchange
○ Injection
○ Monitoring
○ Remediation
○ Sparging
○ Test Well
○ Vapor Extraction
○ Other

Water Level and Yield of Completed Well

Depth to first water 223 (Feet below surface)

Depth to Static Water Level 223 (Feet) Date Measured 04/18/2009

Estimated Yield * 1,500 (GPM) Test Type Constant Rate

Test Length 12.0 (Hours) Total Drawdown 166 (Feet)

*May not be representative of a well's long term yield.

Casings

Depth from Surface Feet	to Feet	Borehole Diameter (Inches)	Type	Material	Wall Thickness (Inches)	Outside Diameter (Inches)	Screen Type	Slot Size if Any (Inches)
0	50	42	Conductor	A53Grade B	.312	30		
0	530	26	Blank	A53Grade B	.312	16		
530	600	26	Ful Flo	Ful Flo A139	.312	16	Louver	0.090
600	620	26	StandardFlo	SF A139	.312	16	Louver	
620	640	26	Ful Flo	Ful Flo A139	.312	16	Louver	0.090
640	680	26	Standard Flo	SF A139	.312	16	Louver	

Annular Material

Depth from Surface Feet	to Feet	Fill	Description
0	50	Cement	Annular Seal
0	1,170	Filter Pack	4x16 SRI
1,170	1,410	Fill	Backfill

Attachments

☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☐ Other

Attach additional information, if it exists.

Certification Statement

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name Bakersfield Well & Pump Co.
Person, Firm or Corporation

7212 Fruitvale Ave. N Bakersfield CA 93308
Address City State Zip

Signed
C-57 Licensed Water Well Contractor

7/9/2009 Date Signed

440537 C-57 License Number

DWR 188 REV. 1/2006

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in
No. 49066
State Well No. 24/24-1G
Other Well No.

Notice of Intent No. 159690
Local Permit No. or Date 5/20/82

1) OWNER: Name Superior Farming Company
Address P.O.Box 9999
City Bakersfield, CA Zip 93389

2) LOCATION OF WELL (See instructions):
County Tulare Owner's Well Number 010-13A
Well address if different from above SW corner of the NW 1/4
Township 24S Range 24E Section 1G
Distance from cities, roads, railroads, fences, etc. 3 3/4 miles west of Earlimart, CA and 1½ miles south of the Alpaugh-Ducor Road; Avenue 56.

(3) TYPE OF WORK:
New Well [X] Deepening [ ]
Reconstruction [ ]
Reconditioning [ ]
Horizontal Well [ ]
Destruction [ ] (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:
Domestic [ ]
Irrigation [X]
Industrial [ ]
Test Well [ ]
Stock [ ]
Municipal [ ]
Other [ ]

ALL LOCATION SKETCH

5) EQUIPMENT:
Rotary [X] Reverse [X]
Cable [ ] Air [ ]
Other [ ] Bucket [ ]

6) GRAVEL PACK:
[XX] Size Birdseye
Depth to top 1400 ft. to 450 ft.

7) CASING INSTALLED:
Steel [X] Plastic [ ] Concrete [ ]

From ft.	To ft.	Dia. in.	Gage or Wall
0	640	16	5/16
760	780	12	5/16
		12	5/16

8) PERFORATIONS: RM - FF
Type of perforation or size of screen

From ft.	To ft.	Slot size
640	760	3/32
Reduction & comp. sect.		
780	1382	3/32

9) WELL SEAL:
Was surface sanitary seal provided? Yes [X] No [ ] If yes, to depth 50 ft.
Were strata sealed against pollution? Yes [X] No [ ] Interval 40 ft.
Method of sealing Bentonite Pellets

10) WATER LEVELS:
Depth of first water, if known Unknown ft.
Standing level after well completion 207 ft.

11) WELL TESTS:
Was well test made? Yes [X] No [ ] If yes, by whom? Driller
Type of test Pump [X] Bailer [ ] Air lift [ ]
Depth to water at start of test 207 ft. At end of test 241 ft.
Discharge 2500 gal/min after 12 hours Water temperature N/A
Chemical analysis made? Yes [ ] No [X] If yes, by whom?
Was electric log made? Yes [X] No [ ] If yes, attach copy to this report

(12) WELL LOG: Total depth 1405 ft. Depth of completed well 1382 ft.

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	50	Conductor
50	70	70% sand, 30% clay
70	80	50% sand, 50% clay
80	90	Sand
90	130	Brown Clay
130	170	80% sand, 20% sandy brown clay
170	190	Hard brown clay
190	210	90% brown clay 20% sand
210	220	50% clay, 50% sand
220	230	Soft brown clay
230	240	Sandy gray clay
240	250	90% sand, 10% clay
250	260	50% sandy gray clay, 50% sand
260	270	70% sandy gray clay, 30% sand
270	280	50% sandy gray clay, 50% sand
280	350	Gray clay
350	360	Gray sandy clay
360	390	70% sandy blue clay, 30% sand
390	400	60% sandy gray clay, 40% fine sand
400	410	Sandy gray clay
410	420	80% sandy gray clay, 20% sand
420	440	100% gray clay
440	480	100% soft blue clay
480	490	50% gray clay, 50% sand
490	500	70% gray clay, 30% sand
500	510	100% soft blue clay
510	520	Hard blue clay
520	530	50% sand, 50% brown clay
530	540	100% fine sand
540	550	100% clay
550	560	70% sand, 30% clay
560	570	50% sand, 50% blue & gray clay
570	600	100% sand
600	610	100% brown clay
610	620	100% sand
620	630	95% brown & blue clay, 5% sand
630	650	100% brown & blue clay
650	660	70% soft brown clay, 30% sand

Work started 5-24-19 82 Completed 6-10-19 82

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
SIGNED Larry E. Knoll (Well Driller)
NAME Layne-Western Company, Inc. (Person, firm, or corporation) (Typed or printed)
Address P.O.Box 3216
City Bakersfield, CA Zip 93385
License No. 407409 Date of this report July 6, 1982

WR 188 (REV. 7-76) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

DUPLICATE

TRIPLICATE
Owner's Copy

Page ___ of ___

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 489856

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. 18E
Date Work Began 7-15-91, Ended 7-17-91
Local Permit Agency Tulare
Permit No. 369745 Permit Date 7-12-91

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
0	4	Top Soil
4	9	clay
9	15	sand
15	21	clay
21	37	sand
37	39	clay
39	42	sand
42	63	clay
63	74	sand
74	85	clay
85	91	sand
91	97	clay
97	101	sand
101	105	clay
105	125	sand
125	131	clay
131	142	sand
142	176	clay
176	196	sand
196	222	clay
222	228	sand
228	244	clay
244	250	sand
250	256	clay
256	262	sand
262	270	clay
270	274	sand
274	277	clay
277	281	sand
281	294	clay
294	298	sand
298	301	clay
310	310	sand
310	316	clay
316	336	sand
336	347	clay
347	355	sand
355	400	clay
400	408	sand
408	411	clay
411	426	sand
426	431	clay
431	435	sand
435	440	clay
440	452	sand
452	669	clay
669	716	sand
716	722	clay
722	731	sand
731	747	clay
747	765	sand
765	771	clay
771	775	sands
775	800	clay
800	807	sand
807	820	clay
820	825	sand
825	830	clay
830	852	sand
852	863	clay
863	868	

TOTAL DEPTH OF BORING 960 (Feet)
TOTAL DEPTH OF COMPLETED WELL 930 (Feet)

WELL OWNER
Name Angiola Water Dist.
Mailing Address 10015 Utica Ave.
CITY Corcoran, CA 93212 STATE ZIP

WELL LOCATION
Address Ave 112-½ mi N of Rd 56-200 ft S.
City Corcoran
County Tulare
APN Book Echoe Page 78 Parcel 293-240-03
or Township 22S Range 23 E Section 26
or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH
NORTH / WEST / EAST / SOUTH
Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)
___ MONITORING
WATER SUPPLY
___ Domestic
___ Public
X Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD Reverse FLUID Natural

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	38			X		steel	30	1/4	
0	560	30	X				steel	16	5/16	
560	580	30		Compression section 18/16 5/16						
580	930	30		X			louver	16	5/16	.070

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	X			Conductor
0	540				5/16x4
540	550		X		Tablets
550	930				5/16x4

ATTACHMENTS (✓)
___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME Crabou Well Drilling Inc. (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 12522 9th Ave. Hanford, CA 93230 CITY STATE ZIP
Signed ___ (WELL DRILLER/AUTHORIZED REPRESENTATIVE) DATE SIGNED 8-1-91 C-57 LICENSE NUMBER 288489

DWR 188 REV. 7-90 IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD01763

TRIPLICATE
Owner's Copy

Page ___ of ___

Owner's Well No. ~~18E Continued~~

Date Work Began _____, Ended _____

Local Permit Agency _____

Permit No. _____ Permit Date _____

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 489857

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ___ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
863 868	sand
868 874	clay
874 879	sand
879 890	clay
890 902	sand
902 912	clay
912 920	sand
920 930	clay
930 938	sand
938 960	clay

TOTAL DEPTH OF BORING _____ (Feet)

TOTAL DEPTH OF COMPLETED WELL _____ (Feet)

WELL OWNER

Name ~~Anglola Water Dist (continued)~~

Mailing Address _____

CITY STATE ZIP

WELL LOCATION

Address _____

City _____

County _____

APN Book ___ Page ___ Parcel ___

or

Township ___ Range ___ Section ___

or

Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH

NORTH

WEST EAST

SOUTH

Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

___ NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USE(S) (✓)

___ MONITORING

WATER SUPPLY

___ Domestic

___ Public

___ Irrigation

___ Industrial

___ "TEST WELL"

___ CATHODIC PROTECTION

___ OTHER (Specify)

DRILLING METHOD _____ FLUID _____

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD* ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

* *May not be representative of a well's long-term yield.*

CASING(S)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL/GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft. to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (✓)

___ Geologic Log

___ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analyses

___ Other _____

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME _____
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS CITY STATE ZIP

Signed _____ DATE SIGNED _____ C-57 LICENSE NUMBER _____
WELL DRILLER/AUTHORIZED REPRESENTATIVE

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD01764

22/23-23J1

CAL T7-54

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Well No. 22/23-23J1

139.02
2.15
120.75

CALIFORNIA

COUNTY: Tulare

AREA: Dudley - Kimmerer

Date 12-11, 1957 Well No. 22/23-23J1

Reported by R. L. Kleinsorge Other No. Southlake #14E

Source of data E. T Other No.

1. *Location:* Map Wishon Photo 5-452a
2. *Owner* Southlake Farms Address
   Former owner Tenant
   Driller Address
3. *Topography* Plain
4. *Altitude:* Lsd 211 ft; how obtained Topo; MP ft.
5. *Type:* Dug, cable, rotary, auger, jet March 1958; Finish
6. *Depth:* Rept. 1788 ft; Meas. ft; Obstruction ft.
7. *Casing:* Diam. 16 in. to 597 ft; 12 in. to 1788 ft. Type
   Perforations 597 to 1788
8. *Aquifers* 96.66 Oct. 9, 1958
9. *Water level* 120.75 ft Stdg; rept 12-11 1957 above below T.C.
   Oil Pmpg; meas which is 1.0 ft above below Lsd
   Access on North side

10. *Pump:* Type Peerless Sub; Dschg diam 10 in; length 25 ft MOTOR # 1012417
    Power W. S. Elec; HP 100; Meter No. 370917
11. *Yield:* Flow gpm, pump gpm, meas, rept, est.
    Drawdown ft after min hrs pmpg. Specific cap.
12. *Use:* Dom, Stock, PS, RR, Ind, Irr, Obs, Destroyed, Unused, Test,
13. *Quality* Temp °F 19
    Taste, odor, color Sampled 19
14. Other data: log, analyses, water levels, electric log
15. *Remarks:*

14E

PLOTTED
FEB 1970

Well No. 22/23-23J1

Location: 0.44 mi. N. & 90 W.

0.46 ft/mile north and 90 ft/mile west of SE corner sec. 23

Remarks: Name # 43304

10-70 fld. ch'd. DTW-138' PERMISSION TO MEASURE PER FOR: WORKING LAND, WHO VERIFIED DEPTH, PERFS & APPROX. DATE DRILLED T.

AWD01664

24/24-4

DUPLICATE
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No. 5
(Insert appropriate number)

WATER WELL DRILLERS REPORT
(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA 3427

LOCATION NOT CHECKED

Do Not Fill In No. 63276 4E2 U85-E1

State Well No.
Other Well No. 24s/24E-4

(1) OWNER:
Name John W. Oglesby
Address 516 West 4th.
Arvin, California

(2) LOCATION OF WELL:
County Tulare Owner's number, if any—
R. F. D. or Street No.
1/2 mile North of the town of Allensworth and 300 ft. West of Santa Fe Railway tracks.

(3) TYPE OF WORK (*check*):
New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (*check*):
Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [X] Other [ ]

(5) EQUIPMENT:
Rotary [X]
Cable [ ]
Dug Well [ ]

(6) CASING INSTALLED:
SINGLE [ ] DOUBLE [X]
From ft. to ft. 14" Diam. 1/4 Gage or wall
Top to 1,200 ft.

Type and size of shoe or well ring
Describe joint Butt welded

If gravel packed
Diameter of Bore 26" from ft. to ft.
Top to bottom

Size of gravel: 3/8"

(7) PERFORATIONS:
Type of perforator used Machine
Size of perforations 1/8 x 1 cc in., length, by in.
From ft. to ft. 4 Perf. per row 18 Rows per ft.
798 ft. to 1,200 ft.

(8) CONSTRUCTION:
Was a surface sanitary seal provided? [ ] Yes [X] No To what depth ft.
Were any strata sealed against pollution? [ ] Yes [X] No If yes, note depth of strata
From ft. to ft.
Method of Sealing

(9) WATER LEVELS:
Depth at which water was first found Unknown ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:
Was a pump test made? [ ] Yes [X] No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? [ ] Yes [X] No
Was electric log made of well? [ ] Yes [X] No

(11) WELL LOG:
Total depth 1,200 ft. Depth of completed well 1,200 ft.
Formation: *Describe by color, character, size of material, and structure.*

ft. to	ft.	Formation
0	35	Sandy Clay Top Soil
35	218	Clay
218	300	Sandy Clay
300	369	Clay
369	482	Shale
482	487	Sand
487	610	Clay
610	616	Hard Clay
616	630	Sandy Clay
630	638	Hard Clay
638	787	Clay
787	813	Shale
813	935	Clay
935	995	Sandy Clay
995	1015	Clay
1015	1025	Sand
1025	1089	Clay
1089	1104	Hard Shale
1104	1178	Clay
1178	1200	Shale

DTW = 166 - 11-5-70 JD

Work started 6/27/61 19 . Completed 7/15/61

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) (Typed or printed)
Address 1744 High Street
Delano, California

[SIGNED] [signature]
Well Driller

License No. 148282 Dated January 31, 1962

57028 6-67 SOM QUIN △ SPO

DWR 188 (REV. 3-54)

24/23-31N1

ORIGINAL
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No.____
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA

Do Not Fill In
No 118716

State Well No.____
Other Well No 24S/23E-31N1

(1) OWNER:

Name Westgate Calif. Realty Co.
Address 1021 Sub. Term. Bldg.
417 S. Hill, Los Angeles, California

(2) LOCATION OF WELL:

County Tulare Owner's number, if any— #20
R. F. D. or Street No.
SW Corner S 31, T24 S, R23 E

65'N & 85' E/o SW Cor.

(3) TYPE OF WORK (check):

New well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [X] Test Well [ ] Other [ ]

(5) EQUIPMENT:

Rotary [X]
Cable [ ]
Dug Well [ ]

(6) CASING INSTALLED:

SINGLE [X] DOUBLE [ ]

From	ft. to		Diameter	Gage or Wall
0	400	ft.	16"OD	1/4
400	1190	"	14"OD	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

Type and size of shoe or well ring
Describe joint Collared with fillet weld

If gravel packed

Diameter of Bore	from ft.	to ft.
25 1/2	top	bottom
"	"	"
"	"	"
"	"	"
"	"	"

Size of gravel: 1/4

(7) PERFORATIONS:

Type of perforator used Machine
Size of perforations .100"X2 in., length, by 6cc in.

From	ft. to		Perf. per row	Rows per ft.
490	1190	ft.	2	14
"	"	"	" " "	" " "
"	"	"	" " "	" " "
"	"	"	" " "	" " "
"	"	"	" " "	" " "

(8) CONSTRUCTION:

Was a surface sanitary seal provided? [ ] Yes [X] No To what depth ft.
Were any strata sealed against pollution? [ ] Yes [X] No If yes, note depth of strata

From	ft. to	ft.
"	"	"

Method of Sealing

(9) WATER LEVELS:

Depth at which water was first found Unknown ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? [ ] Yes [X] No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? [ ] Yes [X] No
Was electric log made of well? [X] Yes [ ] No

(11) WELL LOG:

Total depth ft. Depth of completed well ft.
Formation: *Describe by color, character, size of material, and structure.*

0	ft. to 4	ft.	top soil
4	" 92	"	sandy clay
92	" 304	"	sandy clay
304	" 680	"	sandy clay
680	" 684	"	sand
684	" 723	"	sandy clay
723	" 843	"	Sandy clay
843	" 873	"	clay
873	" 934	"	sandy clay
934	" 1055	"	hard shale
1055	" 1186	"	hard clay
1186	" 1190	"	hard shale
"	"	"	
"	"	"	

PRM 10/70 292' TS + JP

C. Clay = 381'

CONFIDENTIAL
Water Code Sec. 7080

Work started Sept. 7 19 66. Completed Sept. 19 19 66

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) *(Typed or printed)*
Address 1744 Inyo Street
Delano, California
[SIGNED] [signature]
Well Driller
License No. 148282 Dated November 18, 19 66

87648 5-63 25M QUIN ① △ SPO

DWR 188 (REV. 5-63)

24/23-22R2

ORIGINAL
File Original, Duplicate and Triplicate with the REGIONAL WATER POLLUTION CONTROL BOARD No.....
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA

Do Not Fill In
Nº 116291

State Well No. 24S/23E-22R2
Other Well No. 24S/23E-22

(1) OWNER:

Name Alpaugh Irrigation District
Address P. O. Box 127
Alpaugh, California

(2) LOCATION OF WELL:

County Tulare Owner's number, if any—
R. F. D. or Street No.
Southeast corner sec 22 ~~~~
township 24S Range 23E

220'N & 75'N/O SE Cor.

(3) TYPE OF WORK *(check)*:

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE *(check)*:

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☒
Cable ☐
Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐

From	ft. to	ft.	Diam.	Gage or Wall
"	0 "	500 "	16 "	1/4 "
"	500 "	1200 "	14 "	1/4 "
"	"	"	"	"
16" OD to 14" OD				"

Transition Joint Slip jt.
Type and size of shoe or well ring
Describe joint collared W/ fillet weld

If gravel packed

Diameter of Bore 25½ from ft. to ft.
" " "
top to bottom
" "
" "
Size of gravel:

(7) PERFORATIONS:

Type of perforator used machine
Size of perforations .100 x 2 in., length, by 6cc in.
From 500 to 1200 ft. 2 Perf. per row 1½ Rows per ft.
" " " " " " " " "
" " " " " " " " "
" " " " " " " " "
" " " " " " " " "

CTION:

vided? ☐ Yes ☒ No To what depth ft.
n? ☐ Yes ☒ No If yes, note depth of strata
ft.
"
ft.
ft.
ft.
hom?
ft. draw down after hrs.
a chemical analysis made? ☐ Yes ☒ No
No

SAN J
APR
DEPT

(11) WELL LOG:

Total depth 1205 ft. Depth of completed well 1205 ft.
Formation: *Describe by color, character, size of material, and structure.*

0 ft. to	4 ft.	top soil
4 "	35 "	sandy clay
35 "	78 "	sandy clay
78 "	121 "	sandy clay
121 "	329 "	sandy clay
329 "	540 "	sandy clay
540 "	664 "	blue clay
664 "	874 "	clay hard
874 "	900 "	sandy clay
900 "	904 "	sand
904 "	934 "	clay
934 "	1058 "	shale & clay
1058 "	1146 "	hard shale
1146 "	1205 "	blue sand

OTW = 244' 10/30/70 TS+JD

CONFIDENTIAL
Water Code Sec. 13752

Work started 10/31/66 19 , Completed 11/14/66 19

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) *(Typed or printed)*
Address 1741 Inyo Street
Delano, California
[SIGNED] [signature]
Well Driller
License No. 148282 Dated 4/22/67, 19

97648 8/62 25M QUIN ① △ SPO

DWR 188 (REV. 3-54)

24/23-22R2

ORIGINAL
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION
CONTROL BOARD No.____
(Insert appropriate number)

WATER WELL DRILLERS REPORT
(Sections 7076, 7077, 7078, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA

Do Not Fill In
No. 116291

State Well No. 24S/23E-22R2
Other Well No. 24S/23E-22

(1) OWNER:
Name Alpaugh Irrigation District
Address P. O. Box 127
Alpaugh, California

(2) LOCATION OF WELL:
County Tulare Owner's number, if any—
R. F. D. or Street No.
Southeast corner sec 22 ~~SE SW~~
township 24S Range 23E

220'N & 75'N/O SE Cor.

(3) TYPE OF WORK (check):
New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) EQUIPMENT:
Rotary ☒
Cable ☐
Dug Well ☐

(6) CASING INSTALLED:
SINGLE ☒ DOUBLE ☐

From ft.	to ft.	Diam.	Gage or Wall
0	500	16	1/4
500	1200	14	1/4
"	"	"	"
16" OD to 14" OD			

Type and size of shoe or well ring "Transition" Joint Slip jt.
Describe joint collared W/ fillet weld

If gravel packed
Diameter of Bore 25½ from ft. to ft.
top to bottom
Size of gravel:

(7) PERFORATIONS:
Type of perforator used machine
Size of perforations .100 x 2 in., length, by 6cc in.
From 500 to 1200 ft. 2 Perf. per row 1½ Rows per ft.

(8) CONSTRUCTION:
Was a surface sanitary seal provided? ☐ Yes ☒ No To what depth ft.
Were any strata sealed against pollution? ☐ Yes ☒ No If yes, note depth of strata
From ft. to ft.
Method of Sealing

(9) WATER LEVELS:
Depth at which water was first found unknown ft.
Standing level before perforating ft.
Standing level after perforating ft.

(10) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
Temperature of water Was a chemical analysis made? ☐ Yes ☒ No
Was electric log made of well? ☒ Yes ☐ No

(11) WELL LOG:
Total depth 1205 ft. Depth of completed well 1205 ft.
Formation: *Describe by color, character, size of material, and structure.*

0 ft. to	4 ft.	top soil
4 "	35 "	sandy clay
35 "	78 "	sandy clay
78 "	121 "	sandy clay
121 "	329 "	sandy clay
329 "	540 "	sandy clay
540 "	664 "	blue clay
664 "	874 "	clay hard
874 "	900 "	sandy clay
900 "	904 "	sand
904 "	934 "	clay
934 "	1058 "	shale & clay
1058 "	1146 "	hard shale
1146 "	1205 "	blue sand

DTW = 244' 10/30/70 TS+JD

CONFIDENTIAL
Water Code Sec. 13752

Work started 10/31/66 19 . Completed 11/14/66 19

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Whitten Pumps, Inc.
(Person, firm, or corporation) (Typed or printed)
Address 174 Inyo Street
Delano, California
[SIGNED] [signature]
Well Driller
License No. 148282 Dated 4/22/67, 19

ORIGINAL
File with DWR

Page 1 of 2

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. E072308

DWR USE ONLY — DO NOT FILL IN
22S/23E-22 1/3
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. 8104
Date Work Began 1/28/2008, Ended 2/1/2008
Local Permit Agency TULARE COUNTY HEALTH DEPT
Permit No. 07-0141 Permit Date 4/9/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)
DRILLING METHOD REVERSE FLUID WATER

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
0	5	CLAY TOP SOIL
5	8	COARSE SAND
8	12	SILTY BROWN CLAY
12	16	COARSE SAND
16	95	SILTY BROWN CLAY
95	175	SILTY TAN CLAY WITH SAND
175	285	SILTY BLUE GRAY CLAY WITH SAND
285	350	SAND WITH SILTY BLUE GRAY CLAY STREAKS
350	365	SILTY BLUE GRAY CLAY
365	420	SAND WITH SILTY BLUE GRAY CLAY STREAKS
420	435	SILTY BLUE GRAY CLAY
435	458	SAND
458	500	SILTY BLUE GRAY CLAY
500	630	SOFT BLUE GRAY CLAY
630	685	SAND WITH SILTY BLUE GRAY CLAY STREAKS
685	740	SAND
740	745	BLUE GRAY CLAY
745	810	SAND
810	865	SAND WITH BRITTLE BLUE GRAY CLAY
		STREAKS
865	940	BLUE GRAY CLAY WITH SAND STREAKS
940	995	SAND WITH BRITTLE BLUE GRAY CLAY
		STREAKS
995	1035	SAND
1035	1055	BLUE GRAY CLAY
1055	1140	BLUE GRAY CLAY WITH SAND STREAKS
1140	1196	SAND
1196	1205	BLUE GRAY CLAY

TOTAL DEPTH OF BORING 1090 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1050 (Feet)

WELL OWNER
Name ANGIOLA WATER DISTRICT
Mailing Address 944 WHITLEY AVE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION
Address .15 MI NOF AVE 112 & 250' WOF HWY 43
City CA
County TULARE
APN Book 291 Page 070 Parcel 010
Township 22 S Range 23 E Section 22
Latitude DEG. MIN. SEC. DEG. MIN. SEC.

LOCATION SKETCH
NORTH / WEST / EAST / SOUTH
Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
MODIFICATION/REPAIR
— Deepen
— Other (Specify)
— DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
— Domestic — Public
✓ Irrigation — Industrial
MONITORING —
TEST WELL —
CATHODIC PROTECTION —
HEAT EXCHANGE —
DIRECT PUSH —
INJECTION —
VAPOR EXTRACTION —
SPARGING —
REMEDIATION —
OTHER (SPECIFY) —

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER — (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 320 (Ft.) & DATE MEASURED 4/19/2008
ESTIMATED YIELD * 1000 (GPM) & TEST TYPE
TEST LENGTH — (Hrs.) TOTAL DRAWDOWN 30 (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	360	28					ACCESS TB	2	SCH 40	
0	400	28	✓				ASTM-135	16	.312	
400	510	28	✓				ASTM-135	16	.375	
510	520	28					COMP SEC	16		
520	670	28	✓				ASTM-135	16	.312	
670	850	28		✓			DBL MILLSL	16	.312	.060

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	480	✓			SAND SLURRY
480	1090			✓	SRI#8 SAND

ATTACHMENTS (✓)
— Geologic Log
— Well Construction Diagram
— Geophysical Log(s)
— Soil/Water Chemical Analysis
— Other
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME EATON DRILLING CO.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
20 WEST KENTUCKY AVE WOODLAND CA 95695
ADDRESS CITY STATE ZIP
Signed [signature] 04/29/08 C57 A HIC - 13378
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97
IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

ORIGINAL
File with DWR

Page 2 of 2

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. E072308

DWR USE ONLY — DO NOT FILL IN
22S/23E-22 2/3
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. 8104
Date Work Began 1/28/2008, Ended 2/1/2008
Local Permit Agency TULARE COUNTY HEALTH DEPT
Permit No. 07-0141 Permit Date 4/9/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)
DRILLING METHOD REVERSE FLUID WATER

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
0	5	CLAY TOP SOIL
5	8	COARSE SAND
8	12	SILTY BROWN CLAY
12	16	COARSE SAND
16	95	SILTY BROWN CLAY
95	175	SILTY TAN CLAY WITH SAND
175	285	SILTY BLUE GRAY CLAY WITH SAND
285	350	SAND WITH SILTY BLUE GRAY CLAY STREAKS
350	365	SILTY BLUE GRAY CLAY
365	420	SAND WITH SILTY BLUE GRAY CLAY STREAKS
420	435	SILTY BLUE GRAY CLAY
435	458	SAND
458	500	SILTY BLUE GRAY CLAY
500	630	SOFT BLUE GRAY CLAY
630	685	SAND WITH SILTY BLUE GRAY CLAY STREAKS
685	740	SAND
740	745	BLUE GRAY CLAY
745	810	SAND
810	865	SAND WITH BRITTLE BLUE GRAY CLAY STREAKS
865	940	BLUE GRAY CLAY WITH SAND STREAKS
940	995	SAND WITH BRITTLE BLUE GRAY CLAY STREAKS
995	1035	SAND
1035	1055	BLUE GRAY CLAY
1055	1140	BLUE GRAY CLAY WITH SAND STREAKS
1140	1196	SAND
1196	1205	BLUE GRAY CLAY

TOTAL DEPTH OF BORING 1090 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1050 (Feet)

WELL OWNER
Name ANGIOLA WATER DISTRICT
Mailing Address 944 WHITLEY AVE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION
Address .15 MI NOF AVE 112 & 250' WOF HWY 43
City CA
County TULARE
APN Book 291 Page 070 Parcel 010
Township 22 S Range 23 E Section 22
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH
NORTH / WEST / EAST / SOUTH
Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
MODIFICATION/REPAIR
— Deepen
— Other (Specify)
— DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
— Domestic — Public
✓ Irrigation — Industrial
MONITORING —
TEST WELL —
CATHODIC PROTECTION —
HEAT EXCHANGE —
DIRECT PUSH —
INJECTION —
VAPOR EXTRACTION —
SPARGING —
REMEDIATION —
OTHER (SPECIFY) —

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 320 (Ft.) & DATE MEASURED 4/19/2008
ESTIMATED YIELD * 1000 (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN 30 (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
850	940	28	✓				ASTM-135	16	.312	
940	960	28		✓			DBL MILLSL	16	.312	.060
960	990	28	✓				ASTM-135	16	.312	
990	1030	28		✓			DBL MILLSL	16	.312	.060
1030	1050	28	✓				ASTM-135	16	.312	

ANNULAR MATERIAL

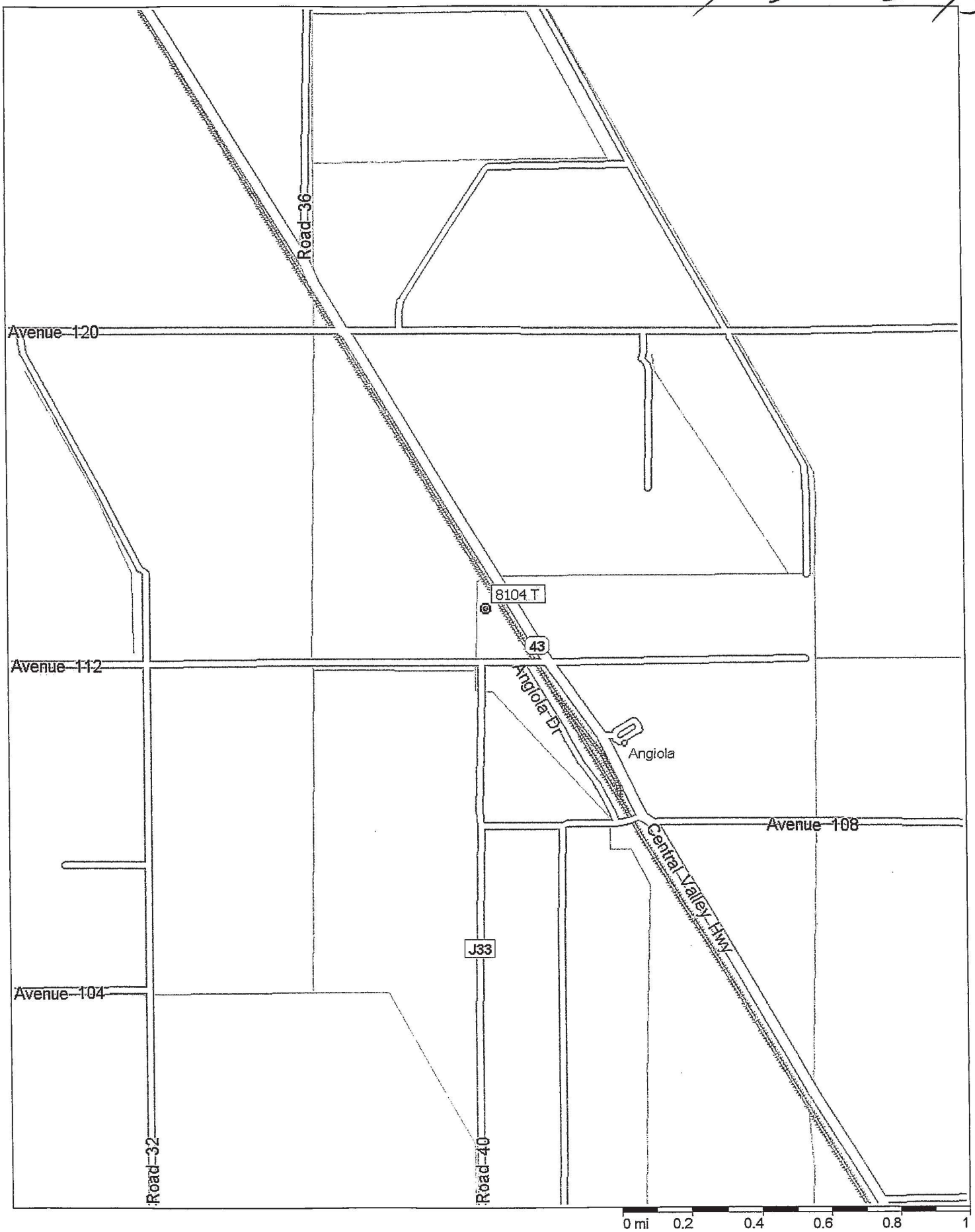
DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	480	✓			SAND SLURRY
480	1090			✓	SRI#8 SAND

ATTACHMENTS (✓)
— Geologic Log
— Well Construction Diagram
— Geophysical Log(s)
— Soil/Water Chemical Analysis
— Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME EATON DRILLING CO.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
20 WEST KENTUCKY AVE WOODLAND CA 95695
ADDRESS CITY STATE ZIP
Signed Mark Dannion 04/29/08 C57 A HIC - 13378
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97
IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

22S/23E-22 3/3



W16

File Original with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Page 1 of 1
Owner's Well No. Well #16 or Layne Well #2 No. e077033
Date Work Began 5/8/08 Ended
Local Permit Agency Tulare County Env Health Services Div
Permit No. 08-0222 Permit Date 5/8/08

GEOLOGIC LOG

ORIENTATION (X) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD Reverse Rotary FLUID

DEPTH FROM SURFACE FL to Ft.		DESCRIPTION *Describe material, grain size, color, etc.*
60	260	sand, clay
260	300	clay, sand
300	310	clay,sand, little, grvel
310	320	clay, sand
320	1330	sand, clay

TOTAL DEPTH OF BORING 1332 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1312 (Feet)

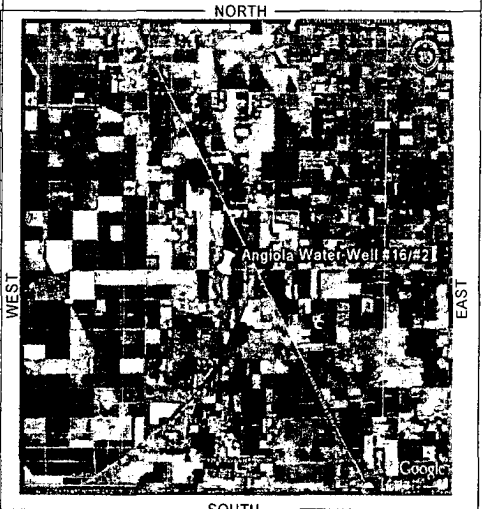
WELL OWNER

Name Angiola Water District
Mailing Address 944 Whitley Ave Ste A
CITY Corcoran STATE CA ZIP 93212

WELL LOCATION

Address Ave 112 & Rd 40
City Corcoran STATE CA ZIP 93212
County Tulare County
APN Book 311 Page 020 Parcel 010
Township 23S Range 23E Section 4
Latitude 35 DEG. 57 MIN. 26.38 SEC. NORTH Longitude 119 DEG. 29 MIN. 1.7 SEC. WEST

LOCATION SKETCH



Illustrate or Describe Distance Of Well from Roads Buildings, Fences, Rivers etc and attach map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (X)

X NEW WELL
___ MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

PLANNED USES (X)
WATER SUPPLY
X Domestic ___ Public
X Irrigation ___ Industrial
___ MONITORING
___ TEST WELL
___ CATHODIC PROTECTION
___ HEAT EXCHANGE
___ DIRECT PUSH
___ INJECTION
___ VAPOR EXTRACTION
___ SPARGING
___ REMEDIATION -
___ OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER Unknown (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 321.93 *(Ft.)* & DATE MEASURED Late July through 8/1/08
ESTIMATED YIELD 1685 (GPM) & TEST TYPE pump
TEST LENGTH 57 (Hrs.) TOTAL DRAWDOWN 163.56 *(Ft.)*
* *May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (inches)	TYPE (-) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	OUTSIDE DIAMETER (inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0 to 40	36			X		Steel	30	.375	
0 to 870	26	X				Steel	16	.375	
870 to 910	26		X			Steel	16	.312	Full Flow .060
910 to 930	26	X				Steel	16	.375	
930 to 990	26		X			Steel	16	.312	VMS .060
990 to 1044	26	X				Steel	16	.375	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft. to Ft.	TYPE CEMENT (X)	BENTONITE (X)	FILL (X)	FILTER PACK (TYPE/SIZE)
0 to 500	X			
500 to 510				Hole Plug
510 to 1312			X	Gravel Pack 1/4 X 10

ATTACHMENTS (X)

X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Layne Christensen Company (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 11001 Etiwanda Ave CITY Fontana STATE CA ZIP 92337
Signed [signature] (WELL DRILLER/AUTHORIZED REPRESENTATIVE) DATE SIGNED 3/28/08
C-57 LICENSE NUMBER 510011

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD02954

TRIPLICATE
Owner's Copy

Page 1 of 3

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. E054498

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. G-17 (old) = 6-28 (new)
Date Work Began 9/13/2007, Ended 10/9/2007
Local Permit Agency TULARE COUNTY
Permit No. 07-0438 Permit Date 9/11/2007

GEOLOGIC LOG

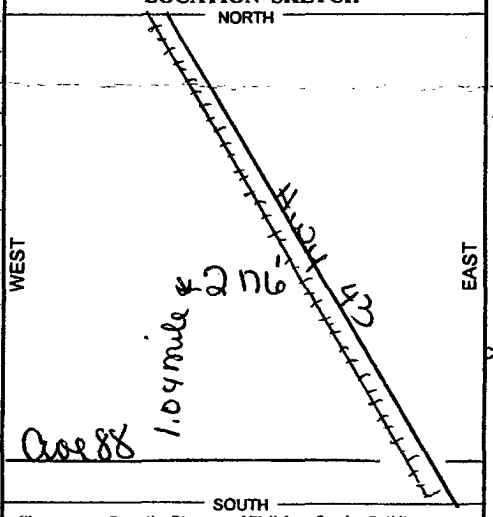
ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD REVERSE FLUID ___

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
0 10	SANDY BROWN CLAY
10 12	COARSE SAND
12 15	SANDY BROWN CLAY
15 34	SANDY BROWN CLAY & GRAVEL
34 41	COARSE SAND
41 50	BROWN CLAY
50 73	SAND
73 76	GRAVEL
76 85	CLAY
85 92	HARD CLAY
92 104	SOFT CLAY
104 116	SANDY HARD CLAY
116 124	SAND
124 136	HARD CLAY
136 141	SANDY CLAY
141 149	CLAY
149 158	SANDY CLAY
158 183	CLAY
183 194	SAND & GRAVEL
194 199	COARSE SAND
199 209	CLAY
209 235	SAND
241 268	SANDY CLAY
268 310	CLAY
310 332	SANDY CLAY
332 356	SAND & GRAVEL
356 365	SAND
365 371	CLAY
371 377	GRAVEL & COARSE SAND
377 384	CLAY

TOTAL DEPTH OF BORING 1120 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1120 (Feet)

WELL OWNER
Name ANGIOLA WATER DIST.
Mailing Address 944 WHITLEY AVE. SUITE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION
Address RD 40 & AVE 112
City ANGIOLA CA
County TULARE
APN Book 291 Page 110 Parcel 003
Township 22 S Range 23 E Section 34
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH


Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
✓ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0 50	44"			✓		STEEL	36"	5/16"	
0 760	30"	✓				STEEL	18"	3/8"	
760 762	30"	✓				STEEL	18" - 16	3/8"	
762 1122	28"		✓			STEEL	16"	3/8"	.050 SLO

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft. to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0 50	✓			SIX SACK
0 700			✓	1/4 X #8
700 1120			✓	6 x 16 / 1/4 # 1

ATTACHMENTS (✓)
___ Geologic Log
✓ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP
Signed [signature] 10/12/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97
IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD02578

TRIPLICATE
Owner's Copy

Page 2 of 3

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. E054498

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. G-17
Date Work Began 9/13/2007, Ended 10/9/2007
Local Permit Agency TULARE COUNTY
Permit No. 07-0438 Permit Date 9/11/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)
DRILLING METHOD REVERSE FLUID

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
384	399	COARSE SAND & GRAVEL
399	411	SANDY CLAY
411	416	SAND
416	436	CLAY
436	455	COARSE SAND
455	482	SANDY CLAY
482	547	CLAY
547	553	SAND
553	594	CLAY
594	607	SANDY CLAY
607	663	CLAY
663	672	SANDY CLAY
672	718	CLAY
718	740	SANDY CLAY
740	786	SAND
786	810	SANDY CLAY
810	826	CLAY
826	847	SAND
847	861	COARSE SAND
861	884	SANDY CLAY
884	903	CLAY
903	941	SAND
941	960	CLAY
960	987	COARSE SAND
987	1004	SANDY CLAY
1004	1011	SAND
1011	1025	COARSE SAND
1025	1041	CLAY
1041	1058	SAND
1058	1064	CLAY

TOTAL DEPTH OF BORING 1120 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1120 (Feet)

WELL OWNER
Name ANGIOLA WATER DIST.
Mailing Address 944 WHITLEY AVE. SUITE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION
Address RD 40 & AVE 112
City ANGIOLA CA
County TULARE
APN Book 291 Page 110 Parcel 003
Township 22 S Range 23 E Section 34
Latitude DEG. MIN. SEC. DEG. MIN. SEC.

LOCATION SKETCH
NORTH
WEST
EAST
SOUTH
Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
✓ NEW WELL
MODIFICATION/REPAIR
— Deepen
— Other (Specify)
— DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
— Domestic — Public
✓ Irrigation — Industrial
MONITORING —
TEST WELL —
CATHODIC PROTECTION —
HEAT EXCHANGE —
DIRECT PUSH —
INJECTION —
VAPOR EXTRACTION —
SPARGING —
REMEDIATION —
OTHER (SPECIFY) —

WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH TO FIRST WATER ——— (FL) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ——— (Ft.) & DATE MEASURED ———
ESTIMATED YIELD * ——— (GPM) & TEST TYPE ———
TEST LENGTH ——— (Hrs.) TOTAL DRAWDOWN ——— (FL)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	44"			✓		STEEL	36"	5/16"	
0	760	30"	✓				STEEL	18"	3/8"	
760	762	30"	✓				STEEL	18" - 16	3/8"	
762	1122	28"		✓			STEEL	16"	3/8"	.050 SLO

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	✓			SIX SACK
0	700			✓	1/4 X #8
700	1120			✓	6 x 16 / 1/4 # 1

ATTACHMENTS (✓)
— Geologic Log
✓ Well Construction Diagram
— Geophysical Log(s)
— Soil/Water Chemical Analysis
— Other ———
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP
Signed ——— 10/12/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97
IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD02579

TRIPLICATE
Owner's Copy

STATE OF CALIFORNIA

WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. E054498

DWR USE ONLY — DO NOT FILL IN

STATE WELL NO./ STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

Owner's Well No. G-17

Date Work Began 9/13/2007, Ended 10/9/2007

Local Permit Agency TULARE COUNTY

Permit No. 07-0438 Permit Date 9/11/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)

DRILLING METHOD REVERSE FLUID ___

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
1064 1081	COARSE SAND
1081 1100	SANDY CLAY
1100 1118	SAND
1118 1120	CLAY

TOTAL DEPTH OF BORING 1120 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1120 (Feet)

WELL OWNER

Name ANGIOLA WATER DIST.

Mailing Address 944 WHITLEY AVE. SUITE

CORCORAN CA 93212

CITY STATE ZIP

WELL LOCATION

Address RD 40 & AVE 112

City ANGIOLA CA

County TULARE

APN Book 291 Page 110 Parcel 003

Township 22 S Range 23 E Section 34

Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH

NORTH

WEST EAST

SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL

MODIFICATION/REPAIR

___ Deepen

___ Other (Specify)

___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)

WATER SUPPLY

___ Domestic ___ Public

✓ Irrigation ___ Industrial

MONITORING ___

TEST WELL ___

CATHODIC PROTECTION ___

HEAT EXCHANGE ___

DIRECT PUSH ___

INJECTION ___

VAPOR EXTRACTION ___

SPARGING ___

REMEDIATION ___

OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (FL) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___

ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___

TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)

May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0 50	44"			✓		STEEL	36"	5/16"	
0 760	30"	✓				STEEL	18"	3/8"	
760 762	30"	✓				STEEL	18" - 16	3/8"	
762 1122	28"		✓			STEEL	16"	3/8"	.050 SLO

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft. to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0 50	✓			SIX SACK
0 700			✓	1/4 X #8
700 1120			✓	6 x 16 / 1/4 # 1

ATTACHMENTS (✓)

___ Geologic Log

✓ Well Construction Diagram

___ Geophysical Log(s)

___ Soil/Water Chemical Analysis

___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP

Signed ___ 10/12/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD02580

File Original with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Page 1 of 2
Owner's Well No. 3 / E-22 No. e0078570
Date Work Began 5/19/08 Ended 10/3/08
Local Permit Agency Tulare County Environmental Health Division
Permit No. 08-0248 Permit Date 5/19/08

GEOLOGIC LOG

ORIENTATION (X) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD Reverse Rotary FLUID ___

DEPTH FROM SURFACE FL	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
40	60	Sand, pebbles
60	360	Sand
360	370	Sand, little clay
370	380	Sand, Clay
380	390	Sand, little clay
390	720	Sand, little clay
720	880	Clay, sand
880	1010	Sand, Clay
1010	1150	Clay, sand

RECEIVED
OCT 14 2008
By

TOTAL DEPTH OF BORING 1160 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1140 (Feet)

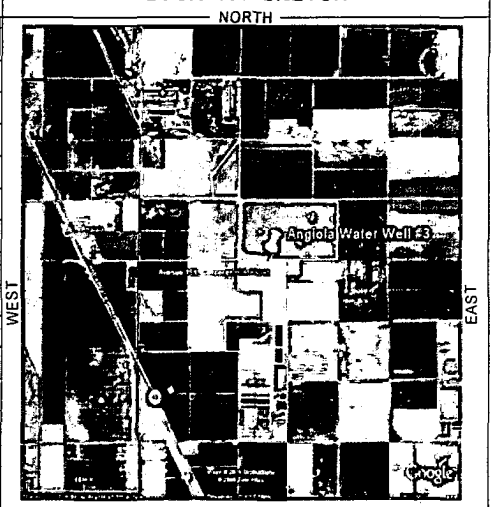
WELL OWNER

Name Angiola Water District
Mailing Address 944 Whitley Ave Ste A
Corcoran (CITY) Ca (STATE) 93212 (ZIP)

WELL LOCATION

Address 1.8 Mi E Hwy 43 off Ave 108
City Corcoran Ca 93212
County Tulare County
APN Book 293 Page 230 Parcel 01
Township 22S Range 23E Section 25
Latitude 35 DEG. 59 MIN. 8.66 SEC. NORTH Longitude 119 DEG. 26 MIN. 30.18 SEC. WEST

LOCATION SKETCH



Illustrate or Describe Distance Of Well from Roads Buildings, Fences, Rivers etc and attach map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (X)

X NEW WELL
___ MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (X)

WATER SUPPLY
X Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER Unknown (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 328.95 (Ft.) & DATE MEASURED 9/30/08-10/3/08
ESTIMATED YIELD 2075 (GPM) & TEST TYPE Step and constant pump
TEST LENGTH 35 (Hrs.) TOTAL DRAWDOWN 74.08 (Ft.)
* *May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (inches)	TYPE (-') BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	OUTSIDE DIAMETER (inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (inches)
0	40	40			X		Steel	30	.375	
0	640	26	X				Steel	16	.375	
640	700	26		X			Steel	16	.312	.060 Full Flow
700	720	26	X				Steel	16	.375	
720	800	26		X			Steel	16	.312	.060 Full Flow
800	860	26	X				Steel	16	.375	

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (X)	BENTONITE (X)	FILL (X)	FILTER PACK (TYPE/SIZE)
0	500	X			8 Sac Sand Slurry
500	510				Hole Plug
510	1140			X	1/4 x 10 Greenfield Gravel Pack

ATTACHMENTS (X)

X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Layne Christensen Company (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 11001 Etiwanda Ave CITY Fontana STATE Ca ZIP 92337
Signed [signature] (WELL DRILLER/AUTHORIZED REPRESENTATIVE) DATE SIGNED 10/7/08
C-57 LICENSE NUMBER 510011

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD01861

File Original with DWR

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Page 2 of 2
Owner's Well No. 3 / E-22 No. e0078570
Date Work Began 5/19/08 Ended 10/3/08
Local Permit Agency Tulare County Environmental Health Division
Permit No. 08-0248 Permit Date 5/19/08

GEOLOGIC LOG

ORIENTATION (X) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD Reverse Rotary FLUID ___

DEPTH FROM SURFACE FL to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*

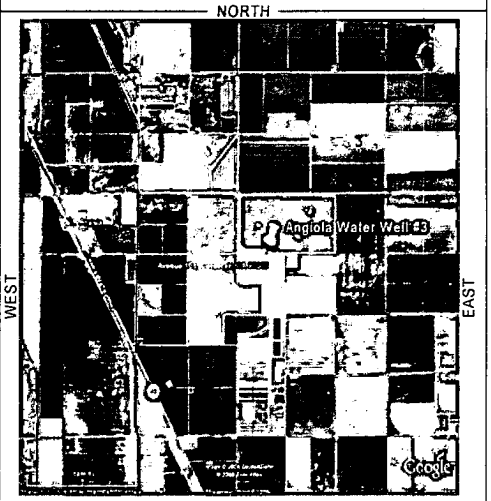
WELL OWNER

Name Angiola Water District
Mailing Address 944 Whitley Ave Ste A
Corcoran (CITY) Ca (STATE) 93212 (ZIP)

WELL LOCATION

Address 1.8 Mi E Hwy 43 off Ave 108
City Corcoran Ca 93212
County Tulare County
APN Book 293 Page 230 Parcel 01
Township 22S Range 23E Section 25
Latitude 35 DEG. 59 MIN. 8.66 SEC NORTH Longitude 119 DEG. 26 MIN. 30.18 SEC WEST

LOCATION SKETCH



Illustrate or Describe Distance Of Well from Roads Buildings, Fences, Rivers etc and attach map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (X)

X NEW WELL
___ MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (X)
WATER SUPPLY
X Domestic ___ Public
X Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION -
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER Unknown (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 328.95 *(Ft.)* & DATE MEASURED 9/30/08-10/3/08
ESTIMATED YIELD 2075 (GPM) & TEST TYPE Step and constant pump
TEST LENGTH 35 (Hrs.) TOTAL DRAWDOWN 74.08 *(Ft.)*
** May not be representative of a well's long-term yield.*

TOTAL DEPTH OF BORING 1160 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1140 (Feet)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (inches)	CASING (S) TYPE (-') BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	OUTSIDE DIAMETER (inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
860 900	26		X			Steel	16	.312	.060 Full Flow
900 940	26	X				Steel	16	.375	
940 960	26		X			Steel	16	.312	.060 Full Flow
960 1020	26	X				Steel	16	.375	
1020 1120	26		X			Steel	16	.312	.060 Full Flow
1120 1140	26	X				Steel-sump	16	.375	

DEPTH FROM SURFACE Ft. to Ft.	ANNULAR MATERIAL TYPE CE-MENT (X)	BEN-TONITE (X)	FILL (X)	FILTER PACK (TYPE/SIZE)

ATTACHMENTS (X)

X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

1, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Layne Christensen Company (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 11001 Etiwanda Ave CITY Fontana STATE Ca ZIP 92337
Signed [signature] (WELL DRILLER/AUTHORIZED REPRESENTATIVE) DATE SIGNED 10/7/08 C-57 LICENSE NUMBER 510011

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD01862

TRIPLICATE
Owner's Copy

Page 1 of 2

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. E062799

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. E-21
Date Work Began 10/27/2007, Ended 11/16/2007
Local Permit Agency TULARE COUNTY
Permit No. 07-0479 Permit Date 10/2/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD REVERSE FLUID ___

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
0	10	SANDY BROWN CLAY
10	13	MEDIUM SAND
13	28	SANDY BROWN CLAY
28	37	MEDIUM SAND
37	50	SANDY BROWN CLAY
50	67	CLAY
67	94	FINE SAND
94	107	CLAY
107	111	SAND
111	146	CLAY
146	164	SANDY CLAY
164	192	SAND
192	207	SANDY CLAY
207	239	SAND
239	268	CLAY
268	304	SANDY CLAY
304	309	SAND
309	332	CLAY
332	351	SAND
351	356	SANDY CLAY
356	401	SAND
401	426	SANDY CLAY
426	447	SAND
447	454	CLAY
454	470	SAND
470	492	SANDY CLAY
492	596	CLAY
596	616	SANDY CLAY
616	633	CLAY
633	643	SAND

TOTAL DEPTH OF BORING 1220 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1200 (Feet)

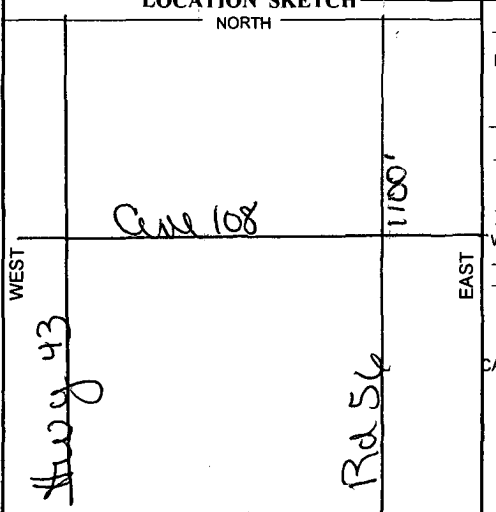
WELL OWNER

Name ANGIOLA WATER DIST.
Mailing Address 944 WHITLEY AVE. SUITE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION

Address AVE 108, & HWY 43
City ANGIOLA CA
County TULARE
APN Book 293 Page 230 Parcel 001
Township 22 S Range 23 E Section 25
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. **PLEASE BE ACCURATE & COMPLETE.**

ACTIVITY (✓)

✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
✓ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	44"			✓		STEEL	34"	5/16"	
0	640	28"	✓				STEEL	16"	3/8"	
640	1200	28"		✓			STEEL	16"	5/16"	.060 DBL

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	✓			SIX SACK
0	600			✓	1/4
600	1220			✓	6 X 16

ATTACHMENTS (✓)

___ Geologic Log
✓ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP
Signed Carlie Farrell 11/26/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD01824

TRIPLICATE
Owner's Copy

Page 2 of 2

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. E062799

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. E-21
Date Work Began 10/27/2007, Ended 11/16/2007
Local Permit Agency TULARE COUNTY
Permit No. 07-0479 Permit Date 10/2/2007

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD REVERSE FLUID

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain, size, color, etc.*
643	668	SANDY CLAY
668	677	CLAY
677	694	SAND
694	703	CLAY
703	716	SANDY CLAY
716	738	SAND
738	743	CLAY
743	760	SANDY CLAY
760	794	SAND
794	799	CLAY
799	811	SANDY CLAY
811	863	SAND
863	882	CLAY
882	910	SAND
910	932	CLAY
932	941	SAND
941	962	SANDY CLAY
962	991	SAND
991	1002	CLAY
1002	1013	SANDY CLAY
1013	1018	CLAY
1018	1026	SAND
1026	1063	SANDY CLAY
1063	1091	SAND
1091	1099	CLAY
1099	1126	SAND
1126	1150	CLAY
1150	1164	SANDY CLAY
1164	1176	SAND
1176	1220	CLAY

TOTAL DEPTH OF BORING 1220 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1200 (Feet)

WELL OWNER

Name ANGIOLA WATER DIST.
Mailing Address 944 WHITLEY AVE. SUITE
CORCORAN CA 93212
CITY STATE ZIP

WELL LOCATION

Address AVE 108, & HWY 43
City ANGIOLA CA
County TULARE
APN Book 293 Page 230 Parcel 001
Township 22 S Range 23 E Section 25
Latitude ___ DEG. ___ MIN. ___ SEC. ___ DEG. ___ MIN. ___ SEC.

LOCATION SKETCH

NORTH / WEST / EAST / SOUTH

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)

✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG"

PLANNED USES (✓)
WATER SUPPLY
___ Domestic ___ Public
✓ Irrigation ___ Industrial
MONITORING ___
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER ___ (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL ___ (Ft.) & DATE MEASURED ___
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
May not be representative of a well's long-term yield.

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	50	44"			✓		STEEL	34"	5/16"	
0	640	28"	✓				STEEL	16"	3/8"	
640	1200	28"		✓			STEEL	16"	5/16"	.060 DBL

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	50	✓			SIX SACK
0	600			✓	1/4
600	1220			✓	6 X 16

ATTACHMENTS (✓)

___ Geologic Log
✓ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analysis
___ Other ___
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME MYERS BROS. WELL DRILLING, INC.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
8650 E. LACEY BLVD. HANFORD CA 93230-4844
ADDRESS CITY STATE ZIP
Signed ___ 11/26/07 548214
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

DWR 188 REV. 11-97

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

AWD01825

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Appendix C

Groundwater Level Field Measurement Form

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Sheet ______ of ________

Field Groundwater Level Measurements

Well Name/ Number:	Checked By:
Project:	Field Personnel:

Well Name/Owner	Date	Time	Reference Point Elevation (ft)	Depth To Groundwater (ft)	Groundwater Elevation (ft)	Instrument Type

Thomas Harder & Co.
Groundwater Consulting

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Appendix D

Chalk/Tape Groundwater Level Measurement

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Sheet ______ of ________

Chalk/Tape Groundwater Level Measurements

Recorded By:

A	B	C	D	E	F	G	H
Well Name/Owner	Date	Time	Reference Point Elevation (ft)	Tape Measurement at Reference Point	Chalk Measurement	Depth To Groundwater (ft) (E - F)	Groundwater Elevation (ft) (D - G)

Thomas Harder & Co.
Groundwater Consulting

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