

Table 2-C22
Comparison of average annual water budget components for each Management Area in the Yucaipa Subbasin

Water Budget Component		Historical Simulation Period: WY 1965-2014				
		Yucaipa Subbasin	Management Area			
			Western Heights	North Bench	Calimesa	San Timoteo
Stream Leakage		11,812	0	3,600	442	7,770
Return Flows		2,829	293	1,714	812	11
Precipitation Recharge		6,101	335	3,429	1,918	419
Subsurface Inflows	From Beaumont Basin	1,315	--	--	1,035	280
	From San Timoteo Basin	6,544	--	533	290	5,721
	From SBBA	123	0	117	--	6
	From Crafton Hills	32	8	25	--	--
	From Yucaipa Hills	3,524	--	3,204	320	--
	From San Bernardino Mountains	2,277	--	2,277	--	--
	From Western Heights MA	--	--	0	64	179
	From North Bench MA	--	286	--	2,586	--
	From Calimesa MA	--	937	19	--	510
	From San Timoteo MA	--	153	--	14	--
<i>Total Subsurface Inflows</i>		13,815	1,384	6,174	4,310	6,696
Surface Water Spreading		313	--	313	--	--
<i>Average Annual Inflows</i>		<i>34,870</i>	<i>2,012</i>	<i>15,231</i>	<i>7,481</i>	<i>14,896</i>
ET		3,460	5	1,690	314	1,451
Subsurface Outflows	To Beaumont Basin	795	--	--	620	175
	To San Timoteo Basin	9,109	--	9	53	9,047
	To SBBA	4,011	0	539	--	3,472
	To Crafton Hills	0	0	0	--	--
	To Yucaipa Hills	2,272	--	2,244	27	--
	To San Bernardino Mountains	20	--	20	--	--
	To Western Heights MA	--	--	286	937	153
	To North Bench MA	--	0	--	19	--
	To Calimesa MA	--	64	2,586	--	14
	To San Timoteo MA	--	179	--	510	--
<i>Total Subsurface Outflows</i>		16,207	243	5,685	2,166	12,861
GW Discharges to Streams		3,984	0	3,686	42	255
Surface Water Diversions		217	--	217	--	--
GW Extractions		11,346	2,443	3,444	5,276	183
GW Discharge to Surface		23	0	16	4	3
<i>Average Annual Outflows</i>		<i>35,237</i>	<i>2,691</i>	<i>14,737</i>	<i>7,802</i>	<i>14,753</i>
Average Annual Change in Storage		-367	-679	494	-321	143

Surface Water Diversions represent extractions from YVWD Well 25

3,938

"--" represents categories that are not applicable to specific management area, or Subbasin, water budget

Appendix 2-D

USGS SIR 2021-5118: Hydrology of the Yucaipa
Groundwater Subbasin - Characterization and
Integrated Numerical Model

Scientific Investigations Report 2021-5118
Hydrology of the Yucaipa Groundwater Subbasin –
Characterization and Integrated Numerical Model
San Bernardino and Riverside Counties, California
by
United States Geological Survey

Link: <https://doi.org/10.3133/sir20215118>

Appendix 2-E

Depths-to-Groundwater Hydrographs

Figure 2-E1. Depths-to-Groundwater at Wells in Live Oak Subarea

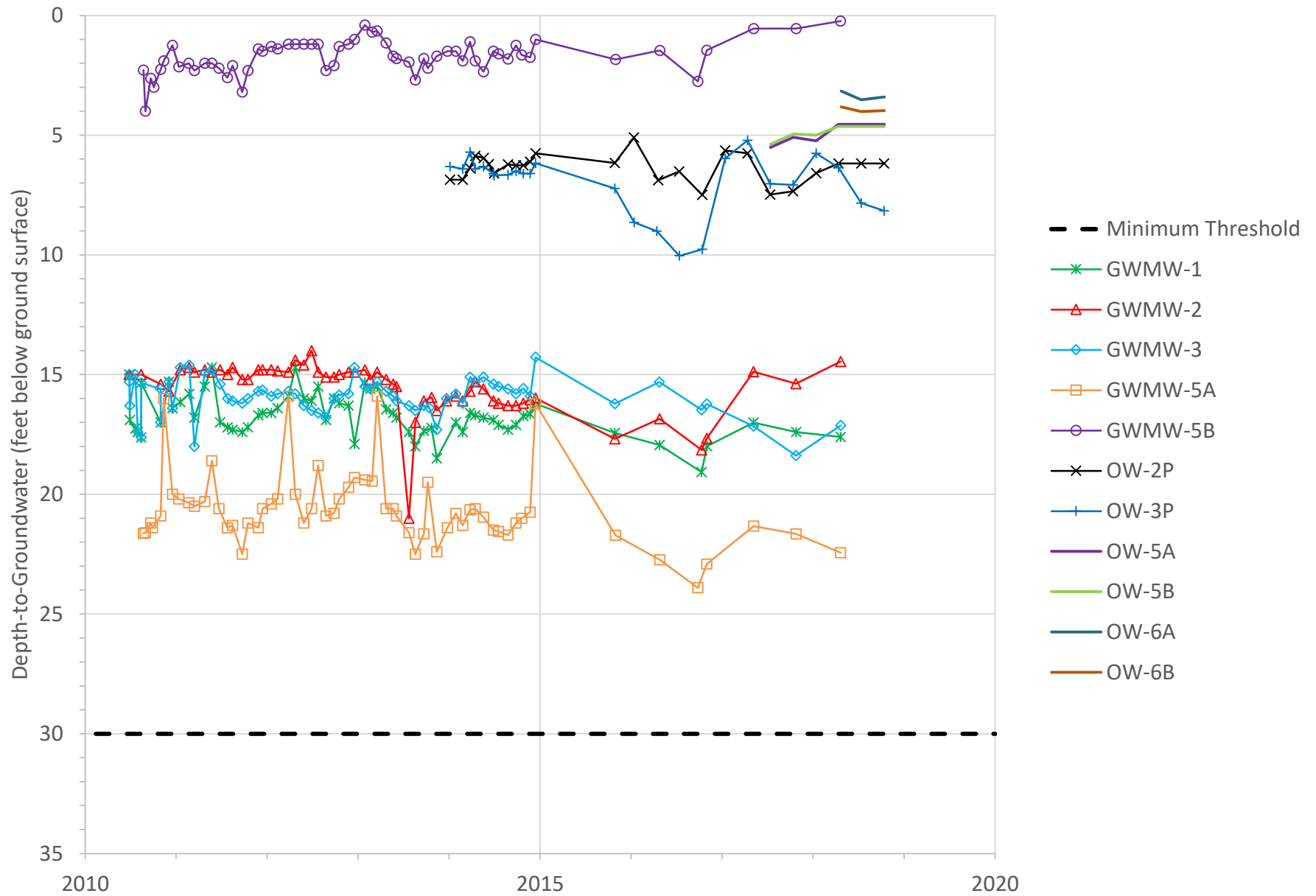


Figure 2-E2. Depths-to-Groundwater at Wells in Upper Oak Glen Subbarea

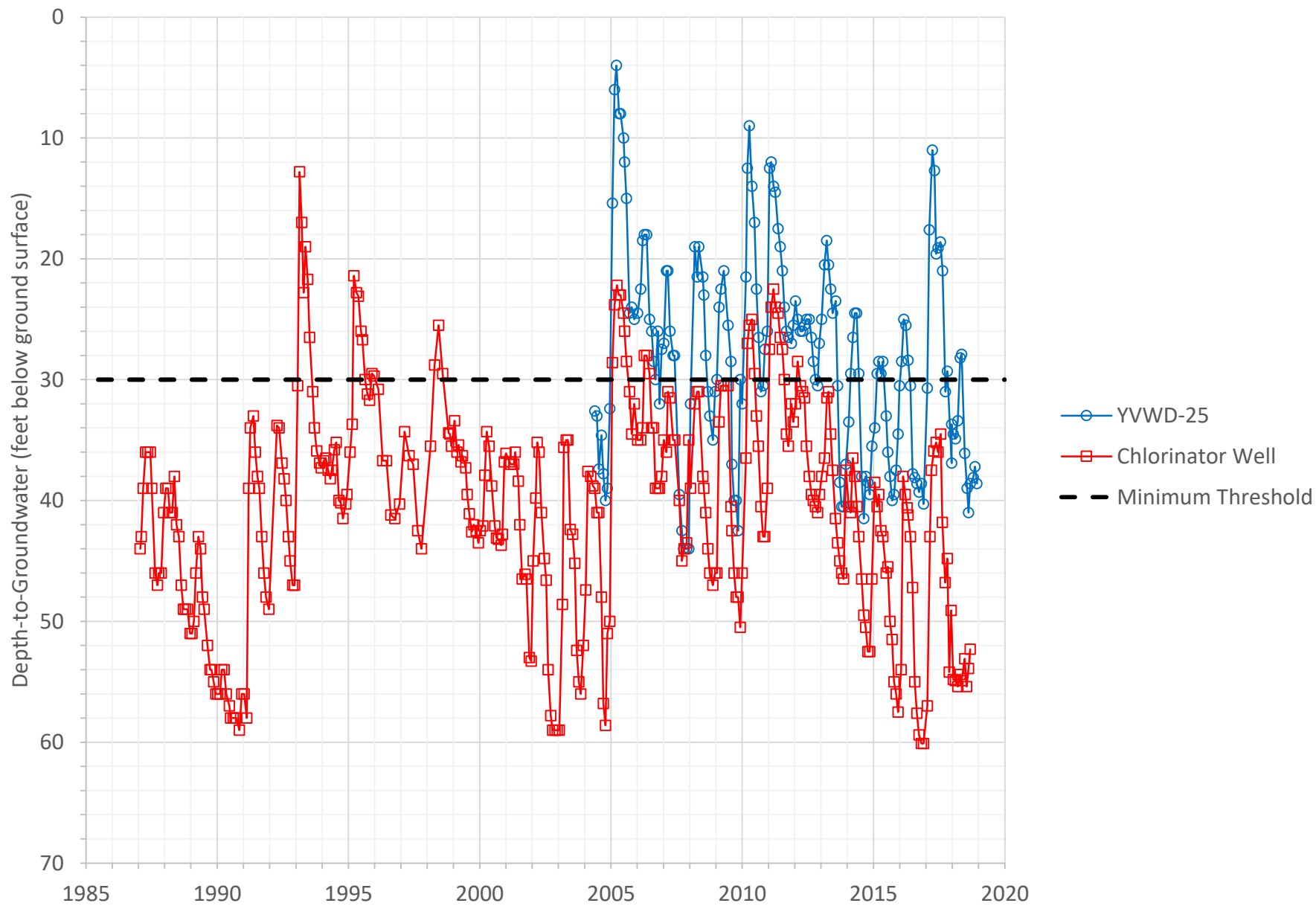


Figure 2-E3. Depths-to-Groundwater at Wells in the North Bench Management Area

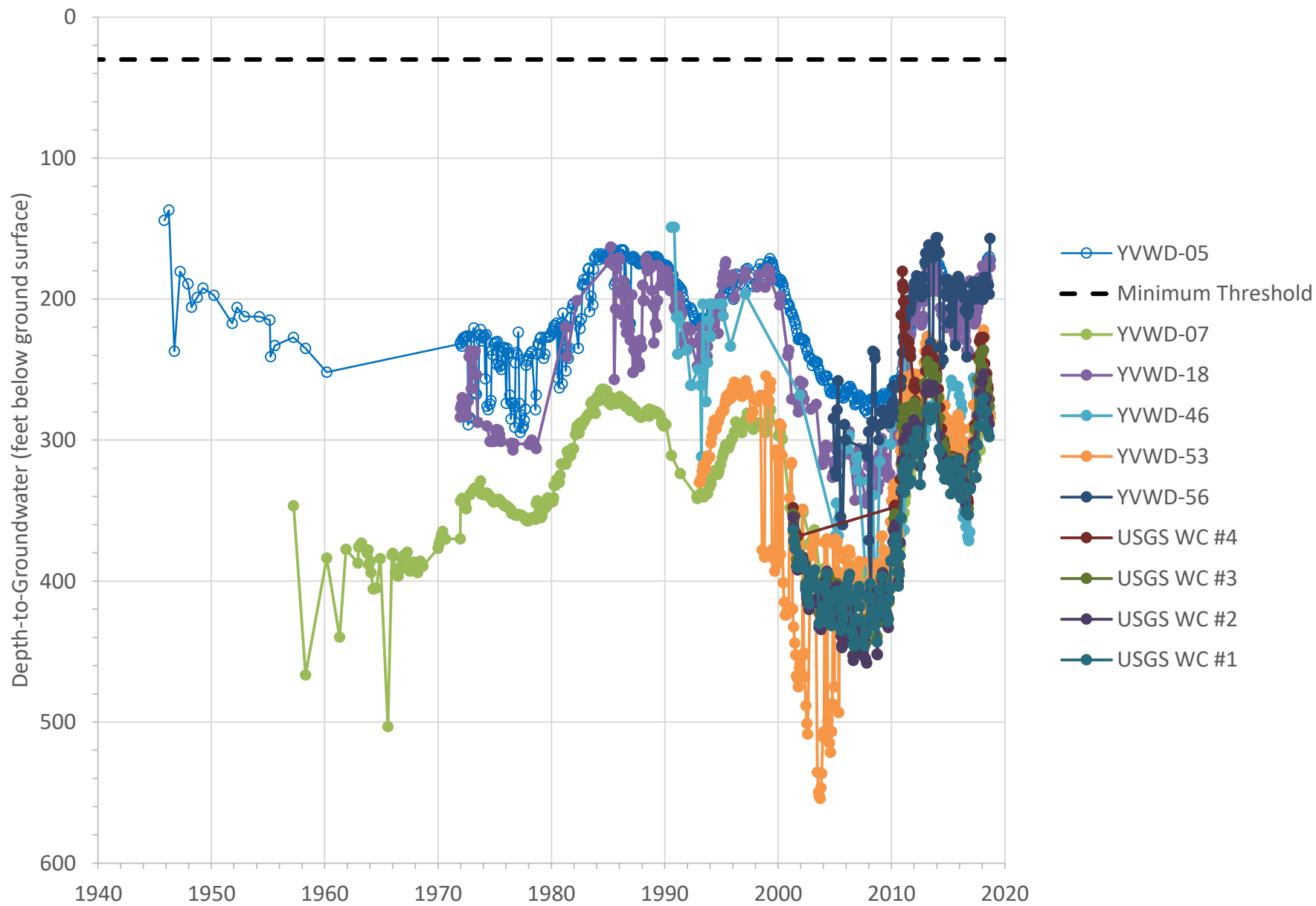


Figure 2-E4. Depths-to-Groundwater at Wells in Lower Oak Glen Subbarea

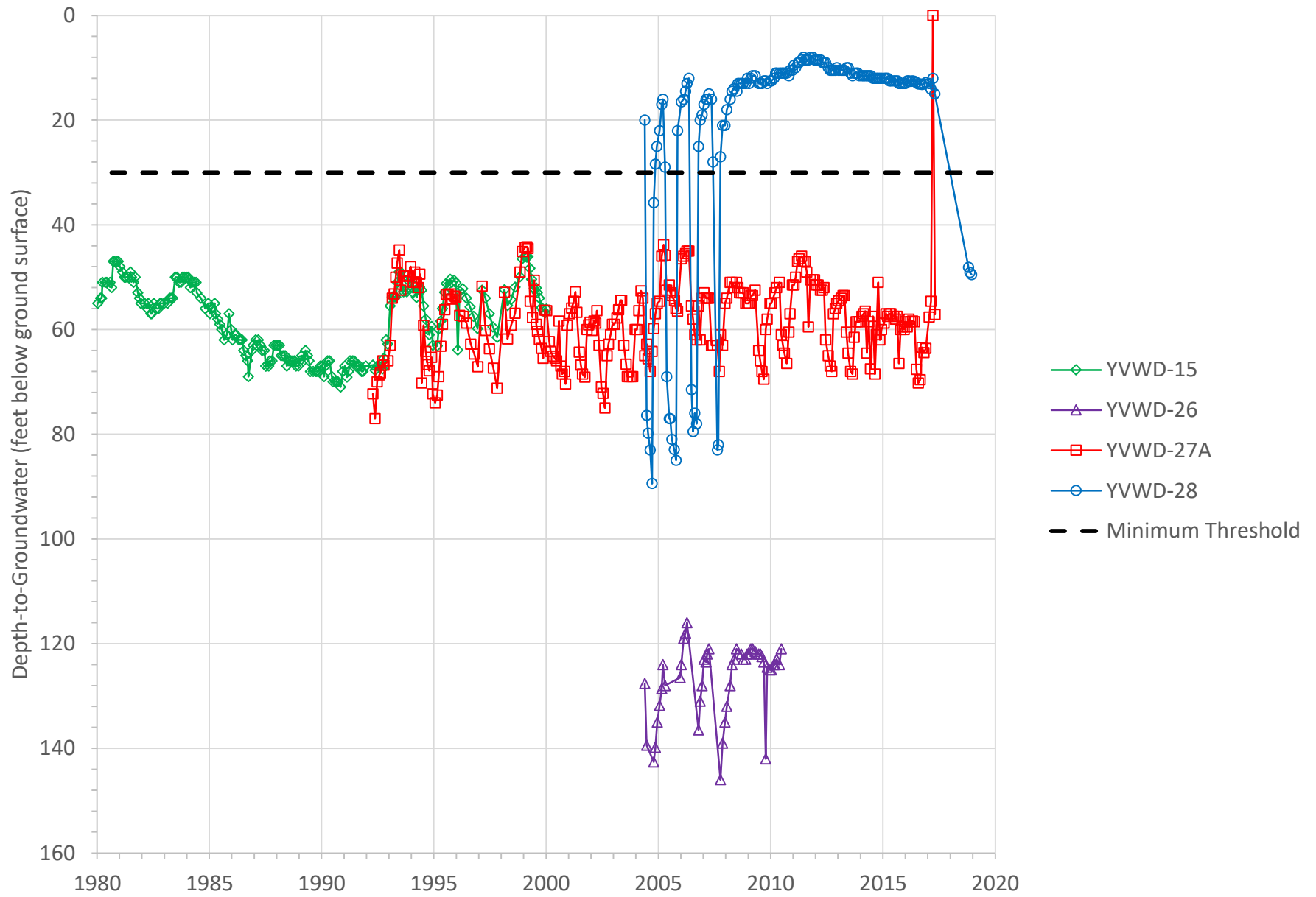


Figure 2-E5. Depths-to-Groundwater at Wells in the Crafton Hills Subarea

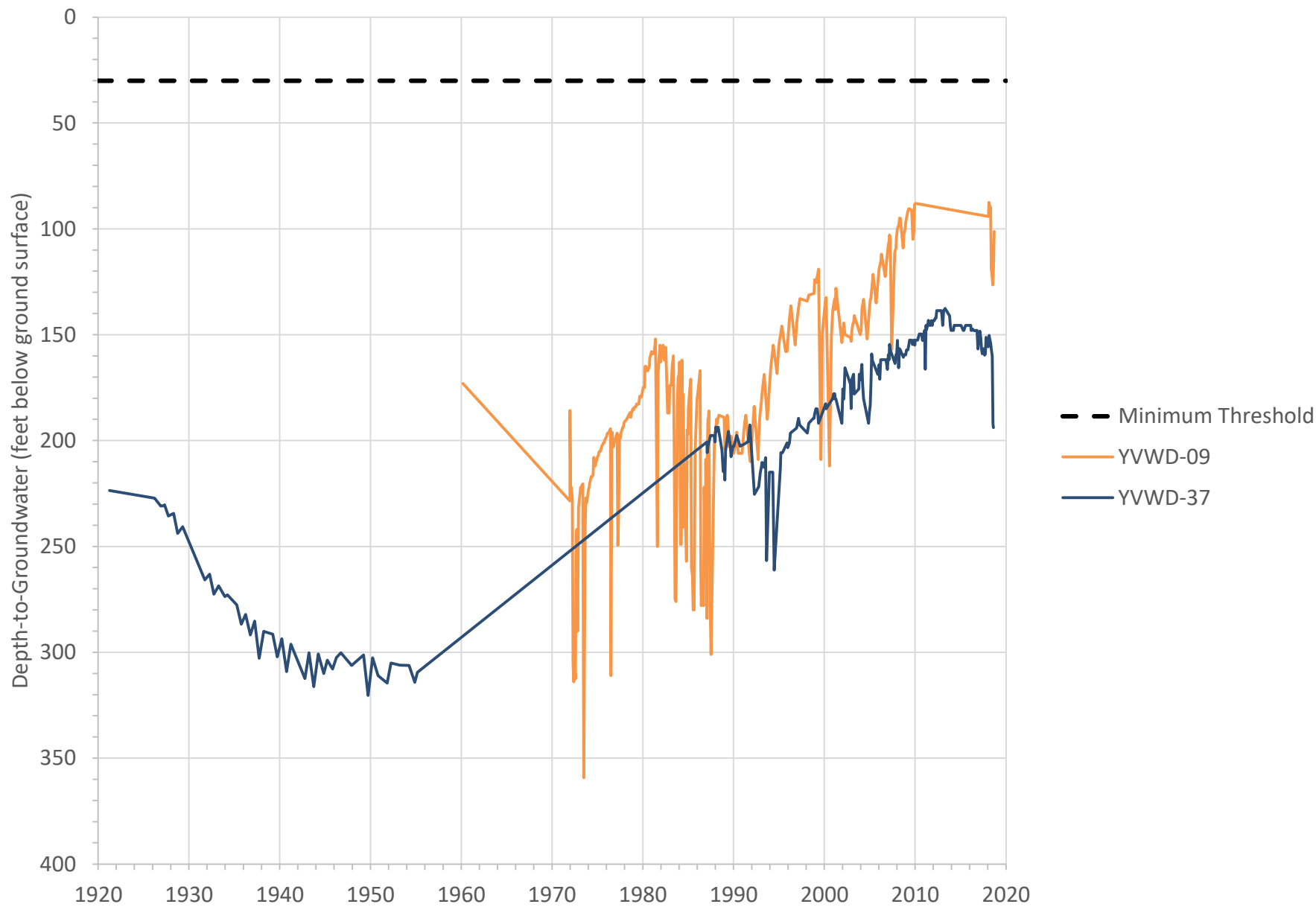
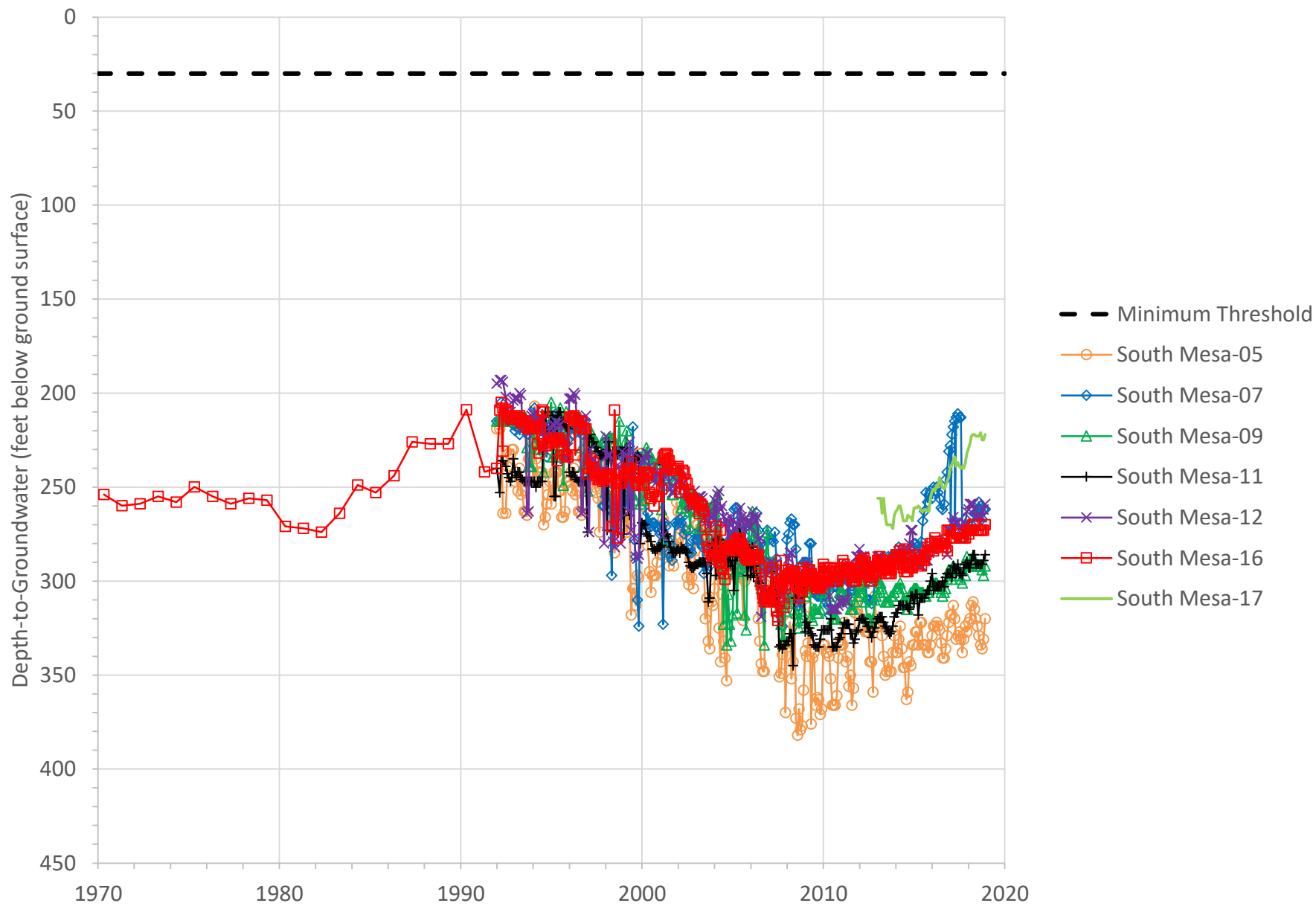


Figure 2-E6. Depths-to-Groundwater at Wells in the Calimesa Management Area



Appendix 3-A

Drilling Logs and Well Completion Reports

QUADRUPPLICATE
Use to comply with
local requirements

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

8-723

Do not fill in

No. 051199

Permit No. 8423

State Well No. 25/W-16B1
Other Well No. _____

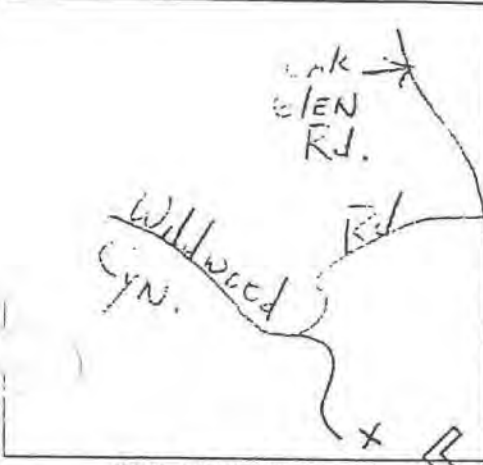
(1) OWNER: _____
Address: _____
City: _____ Zip: 92399

(12) WELL LOG: Total depth 506 ft. Depth of completed well 506 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 48 Sandy gravel
48 - 60 Clay
60 - 80 Gravel & rock
80 - 185 clay
185 - 200 Sand
200 - 250 Gravel & sand
250 - 305 Sand
305 - 340 Clay
340 - 500 Gravel, sand & clay
500 - 506 Sandy clay

(2) LOCATION OF WELL (See instructions):
County: Riverside Owner's Well Number _____
Well address if different from above: Wildwood Canyon
Township: 25 Range: 1W Section: 16
Distance from cities, roads, railroads, fences, etc. _____

(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: 24" biface
Diameter of bore: bottom 50
Packed from _____ to _____

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Gate or Wall
0	506	12	1/2"

(8) PERFORATIONS:
Type of perforation or size of screen _____
From ft. To ft. Slot size
206 506 3/32
12 rows 1 inch apart

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing: Steel/Concrete

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

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? _____
Type of test: Pump Bailor Air lift
De _____ gal/min at start of test _____ ft. At end of test _____ ft.
_____ gal/min after _____ hours Water temperature _____
Chem. analysis made? Yes No If yes, by whom? _____
Was electric log made? Yes No If yes, attach copy to this report

Work started 1-23 19 79 Completed 2-16 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: Joseph W. Grammer
(Well Driller)
NAME: Jack Jones Wells & Pumps
(Person, firm, or corporation) (Typed or printed)
Address: P.O. Box 2031
City: Hemet, California Zip: 92343
License No. 281601 Date of this report: 3-16-79

Mail Two Copies to:
DEPARTMENT OF PUBLIC HEALTH
Court House
Riverside, California

WATER WELL DRILLERS REPORT
(County Ordinances No. 340 and 340A)
COUNTY OF RIVERSIDE
DEPARTMENT OF PUBLIC HEALTH

Do Not Fill In **451**
State Well No. **25/1W-181**
Other Well No. _____
Region _____

(1) OWNER:

Name _____
Address _____

(2) LOCATION OF WELL:

County **Riverside** Owner's number, if any— **3**
1110 So. Fremont-Yucaipa

(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 <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/>		If gravel packed	
From	to	Diameter of Bore	to
0	340	12"	12"
39	415	10"	10"

Type and size of shoe or well ring **1 1/2" x 12"** of gravel:
Describe joint **All joints butt welded**

(7) PERFORATIONS:

Type of perforator used **Mills**

Size of perforations	in., length, by	in.
From 100	335	3/8
5 holes on 12" centers		

(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 **100** ft.
Standing level before perforating **100** ft.
Standing level after perforating **100** ft.

(10) WELL TESTS:

Was a pump test made? Yes No If yes, by whom _____
Yield: _____ gal./min. with _____ ft. draw down after _____ hrs.

(11) WELL LOG:

Total depth **415** ft. Depth of completed well **415** ft.
Formation: Describe by color, character, size of material, and structure.
0 ft. to **80** ft. **Brown sandy clay**
80 " **375** **fractured rock**
375 " **412** **with clay streaks**
412 " **415** **decomposed granite**
412 " **415** **hard blue granite**

12" casing was stuck at 340
reduction to 10" casing
339' to 415' with 10" x 12"
adapter at 339'

10" casing touch perforated

Baker Test showing ac-
curacy of 4 1/2 GPM based
on 12" 10" casing area.

Work started **OCT. 10 1963** Completed **Dec. 9 1963**

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 **Kirkland Well Service**
(Person, firm, or corporation) (Typed or printed)
Address **32291 Dunlap**
Yucaipa, Calif.
[SIGNED] **K. Kirkland**
Well Driller 12 117

7551
283

Mail Two Copies to:
DEPARTMENT OF PUBLIC HEALTH
Court House
Riverside, California

WATER WELL DRILLERS REPORT

(County Ordinances No. 340 and 340A)
COUNTY OF RIVERSIDE
DEPARTMENT OF PUBLIC HEALTH

Do Not Fill In -4385

State Well No. 25/1W-18P
Other Well No. _____
Region _____

(1) OWNER:

Name _____
Address _____
Los Angeles, Calif.

(2) LOCATION OF WELL:

County Riverside Owner's number, if any—
36300 1/2 Singleton Rd.
Calimesa, Calif.

(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 <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/>		Usage or Wall		If gravel packed		
From	to	Diam.	Wall	Diameter of Bore	from	to
0	288	8"	3/16"			
288	300	8"	1/4"			

Type and size of shoe or well ring 8x8x7/8 Size of gravel:

Describe joint ALL JOINTS CIRCUMFERENTIALLY WELDED

(7) PERFORATIONS:

Type of perforator used Mills

Size of perforations	in., length, by	Perf. per row	Rows per ft.
From 130 ft. to 298 ft.	2 in. by 1/4 in.	4	1

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth 20 ft.
Were any strata sealed against pollution? Yes No If yes, note depth of strata
From 0 ft. to 20 ft.

Method of Sealing Clay Jel mixture

(9) WATER LEVELS:

Depth at which water was first found 132 ft.
Standing level before perforating 132 ft.
Standing level after perforating 132 ft.

(10) WELL TESTS:

Was a pump test made? Yes No If yes, by whom?
Yield: _____ gal./min. with _____ ft. draw down after _____ hrs.

(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 25 ft. BROWN SANDY SOIL
" " " CLAY, SMALL GRAVEL
25 " 51 " BROWN GRAVEL & Boulders
51 " 68 " BROWN CLAY & GRAVEL
68 " 105 " HARD BROWN SANDY CLAY
105 " 300 " BROWN SANDY CLAY
" " " SOME GRAVEL EMBELLED.

Work started Dec. 29 1962. Completed JAN. 22 1963

WELL DRILLER'S STATEMENT:

I, as well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME Kirkland Well Service
(Person, firm, or corporation) (Typed or printed)
Address 32291 Dwalap Blvd.
Yucaipa, Calif.
[SIGNED] K. Kirkland Well Driller

2551
409

QUADRUPLICATE
Use to comply with
local requirements

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. **277307**
State Well No. **251W-19C**
Other Well No. _____

of Intent No. _____
Local Permit No. or Date _____

(1) OWNER: Name _____
Address _____
City **Redlands, CA** ZIP **92374**

(2) LOCATION OF WELL (See instructions):
County **Riverside** Owner's Well Number _____
Well address if different from above _____
Township **2-South** Range **1-West** Section **19**
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 435 ft. Completed depth 435 ft.

from ft	to ft	Formation (Describe by color, character, size or material)
0	4	Top Soil
4	54	Small Gravel
54	59	Loose Gravel
59	91	Gravel with some Brown Clay
91	94	Loose Gravel
94	168	Sand and Gravel
168	192	Gravel and Brown Clay
192	200	Boulder Zone
200	211	Sand and Gravel
211	213	Boulder Zone
213	273	Gravel
273	275	Rock Very Hard
275	281	Hard Brown Clay
281	294	Gray Clay with Some Rock
294	321	Gravel 1' 2'
321	334	Brown Clay and Gravel
334	342	Gravel
342	351	Brown Clay and Gravel
351	355	Gravel
355	373	Gravel
373	377	Brown Clay
377	435	Boulder Zone

(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)

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No Size 3/8 Sp
Diameter of bore 15
Packed from 0 to 435 ft.

(7) CASING INSTALLED:
Steel Plastic Concrete

From ft.	To ft.	Dia. (in.)	Gage or Wall
0	435	3/16	8-5/8

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

From ft.	To ft.	Slot size
195	275	.093
295	435	.093

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Cement in Place

(10) WATER LEVELS:
Depth of first water, if known _____ ft.
Standing level after well completion 90 ft.

1) WELL TESTS:
Well test made? Yes No If yes, by whom? _____
test Pump Bailor Air lift
To go to water at start of test _____ ft. At end of test _____ ft.
Discharge X 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

Work started 10-4 19 88 Completed 10-24 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 McCalla Brothers - Division of Layne We
(Person, firm, or corporation) (Typed or printed)
Address 3132 W. 17th St.
City Santa Ana ZIP 92703
License No. 510011 Date of this report 10-31-88

[REDACTED]

LOG OF WELL NO. 8
S.R. No. 36-01856

25/2W-201 ~~AS~~

25/2W-202-USHS
NOT
using

LOCATION: Hill Ranch
NW $\frac{1}{4}$ of SW $\frac{1}{4}$, sect. 25, T1S, R2W, SBE&M
DRILLED BY: E. J. Brockman YEAR: March 3, 1951 completed
R. 1, Box 150
Colton, Calif.

log from YVWD = in hole
for well 08

Depth		Material
From	To	
0	4'	Top Soil
4'	50'	Sand and rock 2329'
50'	85'	Sandy clay
85'	105'	Sand and small gravel
105'	178'	Sandy clay
178'	222'	Sand and coarse gravel 2152'
222'	260'	Hard clay - 2119'
260'	274'	Sand and small gravel
274'	300'	Sandy clay
300'	306'	Sand - 2068'
306'	340'	Clay and rock 2039'
340'	354'	Rock and Sand
354'	415'	Sandy clay
415'	425'	Sand
425'	478'	Sand with streaks of clay 4896'
478'	506'	Hard clay

Hole was reamed to 16" to 363' and 10" x 3/16" casing installed. 10" casing was perforated with 3/16" x 4" slots 4 to the round every foot.

Hole was reamed to 10" from 363' to 506' and 6" x 1/8" casing installed. 6" casing was perforated all the way with 3/16" x 4" slots 4 to the round, one round every foot.

Hole was gravel packed with 3/8" gravel all the way.

Static water level 115'

Well on the pump test pumped the following capacities:

from 143' - 162 GPM
" 166' - 279 GPM
" 178' - 342 GPM

Rotary Rig

WELL RECORD
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
Company _____

Location 8th Street South of Washington Drive Elevation = 2360'

NE 1/4 NE 1/4 Township 2 S Range 2 W Section 3

PIT
Date drilled 1959 By _____
Depth 750' Diameter _____ Packed 500'

CASING
Diameter 16" Length 500' Gauge 10 ga.
" " " "
Perforated interval _____

COLUMN
Diameter 8" Length 400 Gauge STD
" " " "

Tube diameter _____ Shaft diameter _____

BOWLS
Date installed March 18, 1963 By Turley Pump Company
Make _____ Model 10 IA Serial no. R 58225
Size 10" Stages 11 Length _____ Suction 10'

DESIGN PERFORMANCE
GPM 450 RPM 1760 TDH 400 HP 55
GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____

ENGINE
Date installed 3-63 (from #3 well) By _____
Type Elect. Make U.S. Model HU Serial no. 1251837
Cu. in. _____ B & S _____ HP 60 RPM 1800

GEAR
Date installed _____ By _____
Make _____ Model _____ Serial no. _____ HP _____
Shaft _____ Universals _____

Notes: Pump test July 25, 1966
Pump Head Jacuzzi - Pump as shown

South Coastal Basin

NUMBER E-138e-

WELL LOG

LOCAL DESIGNATION Owner #44

Hicks Y-4

LOCATION 300' S. of Ave. "L," 30' E. of W.
line of Lot 225, Sub. 9, Yucaipa Valley, Yucaipa,
Sec. 13.

Loc. #18249A

OWNER [REDACTED]

SKETCH

DATE COMPLETED 1913

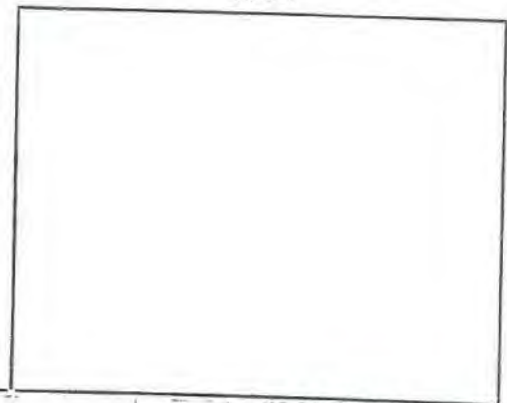
DIAMETER OF CASING 16"

DRILLED BY W. D. Anderson

SOURCE OF INFORMATION P. E. Hicks

INSPECTED WHILE DRILLING SEE FILE NO.

SURFACE ELEVATION 2453. Hicks



FOR FIELD COPIES USE ALTERNATE LINES

DEPTH	ELEVATION OF BOTTOM OF STRATUM	MATERIAL	THICKNESS FEET	% VOIDS	ABSOLUTE VOIDS FEET	TOTAL VOIDS FEET
0-20	2433	Packed soil	20			
44	2407	Cement gravel	24			
94	2359	Cement clay	50			
108	2295	Cement and gravel	14			
120	2333	Red clay	12			
168	2285	Gravel	44			
178	2275	Red clay	10			
182	2271	Gravel	4			
188	2265	Red clay, struck water	6			
206	2247	Water gravel	18			
208	2245	Red clay	12			
218	2235	Water gravel	10			
220	2233	Clay	2			
222	2231	Water gravel	2			
270	2183	Cement clay	47			
276	2177	Cement gravel	6			
310	2143	Red clay	3			
316	2137	Water gravel	6			
338	2115	Red clay	2			
360	2093	Water gravel	2			
362	2091	Red clay	2			
368	2085	Water gravel	6			
370	2083	Red clay	2			
372	2081	Cement gravel	2			
408	2045	Red clay	36			
426	2027	Cement gravel	18			
436	2017	Cement clay	10			
440	2013	Cement gravel	4			
476	1977	Cement clay	38			
497	1956	Cement gravel	21			

MICROFILMED

Pumps 40" - Drawdown 100'

68ST
343
12

QUADRUPPLICATE
Use to comply with
local requirements

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

RECEIVED
MAY 17 1990
Do not fill in
Ans'd No. 294181
State Well No. 29/2W-16A
Other Well No. ~~788~~

Notice of Intent No. _____
Local Permit No. or Date _____

(1) OWNER: Name _____
Address _____
City La Quinta, CA ZIP 92253

(2) LOCATION OF WELL (See instructions):
County Riverside Owner's Well Number 1
Well address if different from above _____
Township 2S Range 2W Section 16
Distance from cities, roads, railroads, fences, etc. _____
3000' W. of County Line Rd.
1000' So. of San Bernardino County Line

(12) WELL LOG: Total depth 1320 ft. Completed depth 1070 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0	-	30	Sandy Clay
30	-	80	Sand, Gravel & Clay
80	-	110	Sand & Gravel
110	-	280	Sand, Gravel, Streaks of Clay
280	-	460	Sand, Gravel & Rock
460	-	550	Brown Clay & Sandy Gravel
550	-	750	Rocks, Sand & Spots of Clay
750	-	885	Hard Granite Formation, Spots
885	-	975	Fine & Coarse Sand, Clay Streaks
975	-	1087	Sandy Brown Clay
1087	-	1200	Granite Boulders, Spots of Clay
1200	-	1320	Sand, Gravel, Granite Boulders



(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 _____ to _____ ft.

(7) CASING INSTALLED:

Steel <input checked="" type="checkbox"/>	Plastic <input type="checkbox"/>	Concrete <input type="checkbox"/>	
From ft.	To ft.	Dia. in.	Gage or Wall
0	760	16	5/16
760	1070	12	5/16

(8) PERFORATIONS:

From ft.	To ft.	Slot size
210	760	3/32
760	1060	3/32

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 100 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing _____

(10) WATER LEVELS:
Depth of first water, if known _____ ft.
Standing level after well completion 230' ft.

(11) WELL TESTS:
Well test made? Yes No If yes, by whom? McCalla Bros.
Type of test _____ Pump Bailer Air lift
Depth to water at start of test 221 ft. At end of test 230 ft.
Discharge 1050 gal/min after 56 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

Work started 7-19 19 89 Completed 9-20 19 89
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 McCalla Bros., Div. of Layne-Western Co
(Person, firm, or corporation) (Typed or printed)
Address 3132 W. 17th St.
City Santa Ana, CA ZIP 92703
License No. 510011 Date of this report 9-22-89

5551
165

NOT IN FILES

25/2W - 24E3 Well 34

WATER WELL DRILLERS REPORT

Permit No. 3703
T. 2S., R. 2E., Sec. 2
State Well No. W-35
R.C.F.C.D. No. 02S/02W-24(E) - 24E3

DUPLICATE THIS HAS TO BE

W-35

OWNER:

Name: [Redacted] Phone: 797-3329
Address: [Redacted]
Calimesa, California

(2) LOCATION OF WELL:

Comp: Riverside County: CA No. 2
Sec. 24-2S R2W 8E North of Chandler Road
1/2 Mile East of Highway 99

(3) TYPE OF WORK (check):

Repair Drilling Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) EQUIPMENT:

Electric
Cable
Dig Well

(6) CASING INSTALLED:

Feet	ft. to	ft.	Size	Depth of hole	Days	ft.
0	800	1/2	3/16"	21	0	800

Type and size of casing: none Casing grade: Res
Remarks: Lat weld

(7) PUMPING EQUIPMENT:

Type of pump: Trench
Size of pump: 1 1/2 hp
Feet: 170 - 800 ft. 1 hp. 6 hp.

(8) COMMENTS:

Method of casing: Current

(9) WATER QUANTITIES:

Depth of water in well: 168
Flow rate: 168

(10) WELL TESTS:

Well depth: 800
Flow rate: 168

(11) WELL LOG:

Total depth	ft.	Depth of completed well	ft.
800		800	
0	ft. to	1	ft. Top soil
75		75	Gravel sand and clay
155		155	Gravel and sand
220		220	Sand and clay
260		260	Rock and sand
360		360	Sandy clay & gravel
380		380	Clay
394		394	Sand
470		470	Rock and sand
470		470	Gravel
475		475	Hard sand & clay
510		510	Rock and sand
618		618	Sand & gravel
618		650	Rock
650		800	Hard sand and clay

CONFIDENTIAL - NOT FOR PUBLIC RELEASE



DRILLER:

Name: R. L. Troner
Address: 145 E. Main St.
San Bernardino, California

TRIPLICATE
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. 54064

State Well No. _____

Other Well No. _____

(1) OWNER:

Name _____
Address _____
Calimesa, Calif.

(2) LOCATION OF WELL:

County **Riverside** Owner's number, if any **No. 2**
R. P. D. or Street No. **Sec. 24-t2s 2-w 800 North**
of channel road 400 ft.
East of Highway 99
Permit NO1 3703

(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** Gage or Wall _____
From: **0** **800** **14** **3/16** _____
Diam. _____
If gravel packed _____
Diameter of Bore _____ from _____ to _____
Type and size of shoe or well ring **none** Size of gravel: **Pea**
Describe joint **but weld**

(7) PERFORATIONS:

Type of perforator used **torach**
Size of perforations **4** **1/2** in., length by **3/16** in.
From **170** **800** ft. to _____ ft. Perf. per row **1** Rows per ft. **6**

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth **90** ft.
Were any struts sealed against pollution? Yes No If yes, note depth of struts _____
From _____ ft. to _____ ft.
Method of Sealing **Cement**

(9) WATER LEVELS:

Depth at which water was first found **168** ft.
Standing level before perforating **168** ft.
Standing level after perforating **168** 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. to	ft. to	Depth of completed well	ft. to	Formation: Describe by color, character, size of material, and structure.
0	4	4	800	800	Top Soil.
4	75	75			Gravel sand and clay
75	155	155			gravel and sand.
155	220	220			sand and clay
220	260	260			rock and sand
260	360	360			sandy clay & gravel
360	380	380			Clay
380	394	394			sand
394	410	410			rock and sand
410	440	440			gravel
440	475	475			Hard sand & clay
475	510	510			rock and sand
510	648	648			sand & gravel
648	650	650			rock
650	800	800			Hard sand and clay

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 **R. L. Trower** (Typed or printed)
Address **445 E. Wabash**
San Bernardino, Calif.

[SIGNED] _____ Well Driller
License No. **189826** Dated _____ 19____

2S/2W-24E2

WELL LOG

Well No. 35

Well Owner [REDACTED] WELL NO. 35
 Location approx 2200 ft S. of North Pin of Sec. 24

Drilled by TROWER & SON; _____ % _____ % Section 24 T 2S R 2W
 Date completed Oct 1959

Drilling method Rotary
 Total depth _____ Size of casing and depth 14-inch Gauge 3/16" (Double/Single)

Type of well _____
 Struck water at _____, SWL before perforating 120 after perforating _____ (ft.)

Completion test data: SWL _____ PWL _____ Discharge _____ Hours run _____
 Surface elev. 2320 Source of information _____

Perforations _____

Depth	Elev. Bot. of Stratum	Material	Thickness
0-3		Top Soil	
3-90		Red clay & decomposed GRANITE	
90-134		Gravel & Sand	
134-172		Clay & Sand	
172-200		GRAVEL ROCK & SAND	
200-210		SAND	
210-225		GRAVEL & SAND	
225-247		Clay	
247-282		GRAVEL	
282-310		Clay & SAND	
310-365		GRAVEL & SAND	
365-491		FINE SAND & CLAY	
491-560		alternate layers of Sand & rock	
560-790		Hard cemented Gravel Rock & Sand	

Remarks: 21-inch hole to 530 feet
18-inch hole to 790

MONITORING WELL NO. MW-3

Date Drilled: 11/18/09

Client: XXXXXXXXXX

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

Coordinates: 34.023°-116.197°

Logged by: VJR

Groundwater First Encountered (ft): 19.2

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
		8" Asphalt Concrete, No Aggregate Base							
		(SM) Silty Sand, fine with medium, light brown	Fill	X		5			SPT
		(SM) Silty Sand, fine with clay, dark brown	Native	X		2			
5		(CL) Sandy Clay, fine, dark brown							
10				X		3 10 10			SPT
		(SM) Silty Sand, fine to coarse with gravel, dark brown							
20			Groundwater	X		4 7 12			SPT
25									
30				X		3 6 7			SPT

MONITORING WELL 09631-8 GPJ CHJ.GDT 11/24/09



C.H.J.

WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No.
09631-8

Enclosure
B-3a

MONITORING WELL NO. MW-3

Date Drilled: 11/18/09

Client: [REDACTED]

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

Coordinates: 34.023°-116.197°

Logged by: VJR

Groundwater First Encountered (ft): 19.2

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
40		(ML) Silt with Sand, fine, gray brown		X		3 4 7			SPT
45									
50		(SP-SM) Sand, fine to coarse with silt and gravel, dark gray		X		21 50/5"			SPT
55									
60		(SP-SM) Gravelly Sand, fine to coarse with silt, gravel, dark gray		X		24 38 50/5"			SPT
65									

MONITORING WELL 09631-8.GPJ CHJ.GDT 11/24/09



WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No. 09631-8 Enclosure B-3b

MONITORING WELL NO. MW-3

Date Drilled: 11/18/09

Client: XXXXXXXXXX

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

Coordinates: 34.023°-116.197°

Logged by: VJR

Groundwater First Encountered (ft): 19.2

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
		(ML) Silt with sand, fine and clay, dark gray to red brown							
		END OF BORING		X		15 16 24			SPT
75		BORING TERMINATED AT 70.0' - REDRILLED TO 60.0' FILL TO 2.0', SLIGHT CAVING GROUNDWATER AT 18.8'							
80									
85									
90									
95									
100									

MONITORING WELL 09631-8.GPJ CHJ.GDT 11/24/09



WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No. 09631-8 Enclosure B-3c

MONITORING WELL NO. MW-2

Date Drilled: 11/18/09

Client: [REDACTED]

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

Coordinates: 34.014°-117.179°

Logged by: VJR

Groundwater First Encountered (ft): 16.5

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
		7-1/2" Asphalt Concrete	Asphalt						
		(SP-SM) Sand, fine to medium with coarse, silt and gravel, brown	Fill	X		7 6 7			SPT
5		(SM) Silty Sand, fine to medium, brown	Native						
10				X		4 5 7			SPT
15			▼ Groundwater						
20		(SM) Silty Sand, fine to coarse with clay, dark brown		X		7 11 11			SPT
25									
30		(SC) Clayey Sand, fine with medium and silt, yellow brown		X		2 2 4			SPT

MONITORING WELL 09631-8 GPJ CHJ/GDT 11/24/09



C.H.J.

WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No.
09631-8

Enclosure
B-2a

MONITORING WELL NO. MW-2

Date Drilled: 11/18/09

Client: XXXXXXXXXX

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

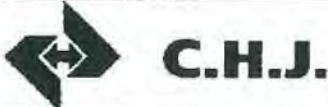
Coordinates: 34.014°-117.179°

Logged by: VJR

Groundwater First Encountered (ft): 16.5

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
40									
45		(SM) Silty Sand, fine with medium and clay, brown		X		8 10 15			SPT
50		(SP) Sand, fine to coarse with silt, gray		X		4 15 25			SPT
55									
60		(SM) Silty Sand, fine with medium and clay, brown		X		5 9 16			SPT
65									

MONITORING WELL 09631-8.GPJ CHI.GDT 11/24/09



WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No. Enclosure
09631-8 B-2b

MONITORING WELL NO. MW-2

Date Drilled: 11/18/09

Client: XXXXXXXXXX

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

Coordinates: 34.014°-117.179°

Logged by: VJR Groundwater First Encountered (ft): 16.5

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
75		END OF BORING	Refusal	X		30 50/5"			SPT
80									
85									
90									
95									
100									

MONITORING WELL 09631-8 GPJ CHJ.GDT 11/24/09



C.H.J.

WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No.
09631-8

Enclosure
B-2c

MONITORING WELL NO. MW-1

Date Drilled: 11/18/09

Client: XXXXXXXXXX

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

Coordinates: 34.003°-117.164°

Logged by: VJR Groundwater First Encountered (ft): 19.0

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
5		5" Asphalt Concrete, 4" Aggregate Base	Asphalt						
		(SP-SM) Sand, fine with silt, gray brown	Base	X		2			
		(SM) Silty Sand, fine with clay, brown	Fill	X		3			SPT
			Native			2			
10		(SP-SM) Sand, fine to medium with coarse, brown		X		4			SPT
				X		6			
				X		7			
20		(SM) Silty Sand, fine to medium with clay, gray brown		X		3			SPT
				X		4			
				X		4			
30		(SM) Silty Sand, fine to coarse with gravel, brown		X		11			SPT
				X		17			
				X		21			

MONITORING WELL 09631-8-GPJ CHJ GDT 11/24/09



C.H.J.

WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No.
09631-8

Enclosure
B-1a

MONITORING WELL NO. MW-1

Date Drilled: 11/18/09

Client: [REDACTED]

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

Coordinates: 34.003°-117.164°

Logged by: VJR

Groundwater First Encountered (ft): 19.0

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
40		(SP-SM) Sand, fine to medium with coarse, silt and gravel, gray		X		4 6 14			SPT
45									
50		(SM) Silty Sand, fine to medium with clay, gray brown		X		14 22 23			SPT
55									
60		(SP-SM) Sand, fine to medium with coarse, silt and gravel, gray		X		9 17 30			SPT
65									

MONITORING WELL 09631-8.GPJ CHJ.GDT 11/24/09



WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No. 09631-8
Enclosure B-1b

MONITORING WELL NO. MW-1

Date Drilled: 11/18/09

Client: XXXXXXXXXX

Equipment: B-61 Hollow-Stem Auger

Driving Weight / Drop: 140 lbs./30 in.

Coordinates: 34.003°-117.164°

Logged by: VJR Groundwater First Encountered (ft): 19.0

DEPTH (ft)	GRAPHIC LOG	VISUAL CLASSIFICATION	SAMPLE NO.	SAMPLES		BLOWS/FOOT (Equiv. SPT)	FIELD MOISTURE (%)	DRY UNIT WT. (pcf)	LAB/FIELD TESTS
				DRIVE	BULK				
75	[Pattern]	END OF BORING REFUSAL AT 71.5', NO BEDROCK FILL TO 1.0', SLIGHT CAVING GROUNDWATER AT 19.0'	Refusal	X		22 35 50			SPT
80									
85									
90									
95									
100									

MONITORING WELL 09631-R.GPJ CHJ/GDT 11/24/09



C.H.J.

WELLS - SAN TIMOTEO & LIVE OAK CANYONS
RIVERSIDE COUNTY, CALIFORNIA

Job No.
09631-8

Enclosure
B-1c

MAY 31 1968

SMWC well 4

25/2W-1423

1000

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. 35123

State Well No. 25/2W-1423

Other Well No.

(1) OWNER: Name [REDACTED] Address Calimesa, California.		(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.	
(2) LOCATION OF WELL: County Riverside Township, Range, and Section SE-1/4, Sec 14, Twp 2-S Distance from cities, roads, railroads, etc. R-2-W, Riverside County Riverside		0 to 14' Soil 14 to 69' Gravel 69 to 73' Clay and gravel 73 to 92' Boulders 92 to 110' Gravel and clay 110 to 124' Sand and gravel 124 to 135' Red sandy clay, some gravel 135 to 195' Sand and gravel with cemented streaks 195 to 240' Sandy clay, some gravel 240 to 250' Red clay 250 to 280' Hard sand and gravel, some clay 280 to 348' Sand, gravel and rocks 348 to 358' Sand, gravel and clay 358 to 365' Brown clay 365 to 504' Hard sand, gravel, boulders and clay 504 to 535' Sand, gravel and clay 535 to 539' Sand and gravel 539 to 549' Sand and gravel 549 to 580' Sand and gravel 580 to 635' Sand and gravel, some clay 635 to 694' Sandy clay, some sand and gravel 694 to 700' Hard rocks and sand 700 to 715' Brown clay 715 to 758' Sand and gravel 758 to 802' Clay, some sand and gravel 802 to 808' Hard rock and sand 808 to 835' Brown clay and gravel 835 to 840' Sand and gravel, some clay 840 to 856' Sandy clay, some sand 856 to 934' Sand, gravel and boulders 934 to 940' Sand and gravel, some clay 940 to 982' Sand gravel and boulders 982 to 1000' Brown clay	
(3) TYPE OF WORK (check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Destroying <input type="checkbox"/> If destruction, describe material and procedure in Item 11.		(5) EQUIPMENT: Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Other <input type="checkbox"/>	
(4) PROPOSED USE (check): Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input checked="" type="checkbox"/>		(6) CASING INSTALLED: STEEL: OTHER: SINGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/> If gravel packed Diameter of Bore From ft. To ft. 100 30" x 1/4" conductor casing 76 16" x 5/16" blank casing 624 16" x 5/16" perforated casing Size of shoe or well rim: _____ 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. 352 976 10 holes per 2-2/3"			
(8) CONSTRUCTION: Was a surface sanitary seal provided? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> To what depth 100 ft. Were any struts sealed against pollution? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, note depth of struts _____ From _____ ft. to _____ ft. From _____ ft. to _____ ft. Method of casing _____		Work started 3-22-68 Completed 4-19-68 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 Roscoe Moss Company (Person, firm, or corporation) (Typed or printed)	
(9) WATER LEVELS: Depth at which water was first found, if known _____ ft. Standing level before perforating, if known _____ ft. _____ ft. level after perforating and developing		Address 4360 North Street Los Angeles, California. [SIGNED] _____ (Well Driller)	
(10) WELL TESTS: Pump test made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, by whom? Roscoe Moss at 1720 gal./min. with 335 ft. drawdown after 49 hrs. Temperature of water _____ Was a chemical analysis made? Yes <input type="checkbox"/> No <input type="checkbox"/> Was electric log made of well? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, attach copy		License No. 624 C-57 Dated May 17, 1968 19	

MAY 31 1968

SMW well 4

-25/2W-1423

ORIGINAL
File with DVR

WATER WELL DRILLERS REPORT

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

Do Not Fill In

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

No. 35123

State Well No. 25/2W-14

Other Well No.

(1) OWNER: Name [REDACTED] Address Calimesa, California.				(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.			
(2) LOCATION OF WELL: County Riverside Owner's number, if any 4 Township, Range, and Section SE-1/4, Sec 14, Twp 2-S Distance from cities, roads, railroads, etc. R-2-W, Riverside County				0 to 14' Soil 14 to 69' Gravel 69 to 73' Clay and gravel 73 to 92' Boulders 92 to 110' Gravel and clay 110 to 124' Sand and gravel 124 to 135' Red sandy clay, some gravel 135 to 195' Sand and gravel with cemented streaks 195 to 240' Sandy clay, some gravel 240 to 250' Red clay 250 to 280' Hard sand and gravel, some clay 280 to 348' Sand, gravel and rocks 348 to 358' Sand, gravel and clay 358 to 365' Brown clay 365 to 504' Hard sand, gravel, boulders and clay 504 to 535' Sand, gravel and clay 535 to 539' Sand and gravel 539 to 549' Sand and gravel 549 to 580' Sand and gravel 580 to 635' Sand and gravel, some clay 635 to 694' Sandy clay, some sand and gravel 694 to 700' Hard rocks and sand 700 to 715' Brown clay 715 to 758' Sand and gravel 758 to 802' Clay, some sand and gravel 802 to 808' Hard rock and sand 808 to 835' Brown clay and gravel 835 to 840' Sand and gravel, some clay 840 to 856' Sandy clay, some sand 856 to 934' Sand, gravel and boulders 934 to 940' Sand and gravel, some clay 940 to 982' Sand gravel and boulders 982 to 1000' Brown clay			
(3) TYPE OF WORK (check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Destroying <input type="checkbox"/> If destruction, describe material and procedure in Item 11.				(5) EQUIPMENT: Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Other <input type="checkbox"/>			
(4) PROPOSED USE (check): Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input checked="" type="checkbox"/>				(6) CASING INSTALLED: STEEL: OTHER: SINGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/> If gravel packed From ft. To ft. Diam. Gage or Wall Diameter of Bore From ft. To ft. 100 30" x 1/4" conductor casing 76' 16" x 5/16" blank casing 624' 16" x 5/16" perforated casing Size of shoe or well liner: 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. 352 976 10 holes per 2-2/3"			
(8) CONSTRUCTION: Was a surface sanitary seal provided? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> To what depth 100 ft. Were any struts sealed against pollution? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, note depth of struts From ft. to ft. From ft. to ft. Method of casing:				Work started 3-22-68 Completed 4-19-68 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 Roscoe Moss Company (Person, firm, or corporation) (Typed or printed) Address 4360 North Street Los Angeles, California. [Signed] _____ (Well Driller) License No. 624 C-57 Dated May 17, 1968			
(9) WATER LEVELS: Depth at which water was first found, if known ft. Standing level before perforating, if known ft. Static level after perforating and developing ft.				(10) WELL TESTS: Pump test made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, by whom? Roscoe Moss At 1720 gal./min. with 335 ft. drawdown after 49 hrs. Temperature of water Was a chemical analysis made? Yes <input type="checkbox"/> No <input type="checkbox"/> Was electric log made of well? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, attach copy			

February 7, 1949

Log of Test-hole Drilled for the [REDACTED]
 Driller: C. C. Scott
 Box 26,
 Beaumont, California

#5 #5

Total Depth of Test-Hole- 1, 119 Feet

FROM

TO

DESCRIPTION OF FORMATIONS

FROM	TO	DESCRIPTION OF FORMATIONS
0	48	Gravel, and sand imbedded in Clay
48	70	Fine Gravel
70	120	Gravel, and Sand imbedded in Clay
120	132	Sandy Clay
132	170	Gravel imbedded in Clay
170	185	Shale
185	240	Clay
240	248	Fine Gravel
248	260	Clay
260	268	Rock
268	293	Gravel imbedded in Clay
293	305	Coarse Sand (Water)
305	370	Clay
370	375	Rock Ledge
375	400	Clay
400	406	Rock, and Decomposed Granite
406	415	Sand
415	450	Clay
450	480	Sandy Clay
480	490	Rock
490	538	Sandy Clay
538	555	Hard, solid Clay
555	578	Coarse sand (Water)
578	586	Rock
586	615	Clay
615	625	Sand
625	650	Sandy Clay
650	670	Very Hard Clay
670	683	Coarse Water Sand, and Gravel
683	693	Rock
693	730	Clay
730	740	Sandy Clay
740	745	Sand-Stone
745	750	Sand
750	756	Hard Clay
756	760	Sand
760	770	Sandy Clay
770	782	Clay
782	816	Very Hard Clay
816	830	Sand
830	850	Clay
850	855	Rock, and Sand-Stone

(Log continued on Page 2)

25/2W-1482 form Realt by 25/2W-1481

WATER WELL DRILLERS REPORT

Permit No. 292
T.S., R. 2 Sec. 1
State Well No.
R.C.F.C.D. No.

DUPLICATE

SMK # 5

17/14

OWNER:

Name [REDACTED]
Address
Calimesa, California

(2) LOCATION OF WELL:

County Riverside Owner's number, if any—
Portion of Blk. 251, Subd. 9, of
Yucaipa Valley, Riverside Co.

(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 <input type="checkbox"/> DOUBLE <input type="checkbox"/>				Gage or Wall	If gravel packed		
From	ft. to	ft.	Diam.		Diameter of Bore	from ft.	to ft.

Type and size of shoe or well ring
Describe joint

(7) PERFORATIONS:

Type of perforator used

Size of perforations			in., length, by	
From	ft. to	ft.	Perf. per row	Rows per ft.

(8) CONSTRUCTION:

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

(9) WATER LEVELS:

Depth at which water was first found 230 ft.
-ding level before perforating 230 ft.
-ding level after perforating 180 ft.

(10) WELL TESTS:

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

(11) WELL LOG:

Total depth	ft.	Depth of completed well	ft.	Formation: Describe by color, character, size of material, and structure.
0	ft. to	48	ft.	gravel & sand imbedded in
48	"	70	"	fine gravel
70	"	120	"	gravel & sand imbedded in
120	"	132	"	sandy clay
132	"	170	"	gravel imbedded in clay
170	"	185	"	shale
185	"	240	"	clay
240	"	248	"	fine gravel
248	"	260	"	clay
260	"	268	"	rock
268	"	293	"	gravel imbedded in clay
293	"	305	"	coarse sand (water)
305	"	370	"	clay
370	"	375	"	rock ledge
375	"	400	"	clay
400	"	406	"	rock & decomposed granite
406	"	475	"	sand
475	"	450	"	clay
450	"	480	"	sandy clay
480	"	490	"	rock
490	"	538	"	sandy clay
538	"	555	"	hard, solid clay
555	"	578	"	coarse sand (water)
578	"	586	"	rock
586	"	615	"	clay
615	"	625	"	sand
625	"	650	"	sandy clay
650	"	670	"	very hard clay
670	"	683	"	coarse water sand & gravel
683	"	693	"	rock
693	"	730	"	clay
730	"	740	"	sandy clay
740	"	745	"	sand-stone
745	"	750	"	sand
750	"	756	"	hard clay
756	"	760	"	sand
760	"	770	"	sandy clay
770	"	782	"	clay
782	"	816	"	very hard clay
816	"	830	"	sand
830	"	850	"	clay
850	"	855	"	rock and sandstone
	"		"	cont'd next page
Work started	Jan. 6	1949	Completed	Feb. 7 1949

Driller
Name C. C. Scott
Address Box 26
Beaumont, California

2/S/W - 14R2

WATER WELL DRILLERS REPORT

DUPLICATE

Permit No. 292 page 15
T. 2 S., R. 2 E. Sec. 1
State Well No.
R.C.F.C.D. No.

02/14R

OWNER:

Name [redacted]
Address [redacted]
Calimesa, California

(2) LOCATION OF WELL:

County _____ Owner's number, if any—
Portion of Blk. 251, Subd. 9, of
Yucaipa Valley, Riverside Co.

(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.	Gap or Wall	If gravel packed		
					Diameter of Bore	from ft.	to ft.

Type and size of shoe or well ring

Describe joint

Size of gravel:

(7) PERFORATIONS:

Type of perforator used

Size of perforations			in., length, by	
From	ft. to	ft.	Perf. per row	Rows per ft.

(8) CONSTRUCTION:

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

Were any struts sealed against pollution? Yes No If yes, note depth of struts

From _____ ft. to _____ ft.

Method of Sealing _____

(9) WATER LEVELS:

at which water was first found _____ ft.
standing level before perforating _____ ft.
level after perforating _____ ft.

(10) WELL TESTS:

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

Yield: _____ gal./min. with

(11) WELL LOG:

Total depth 1,119 ft. Depth of completed well

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

855	ft. to	863	ft.	fine sand
863	"	890	"	clay
890	"	910	"	coarse sand (water)
910	"	970	"	sandy clay
970	"	978	"	hard clay
978	"	985	"	sandy clay
985	"	1,000	"	sand & fine gravel (water)
1,000	"	1,004	"	hard clay
1,004	"	1,016	"	hard clay
1,016	"	1,020	"	rock
1,020	"	1,050	"	clay
1,050	"	1,070	"	coarse sand (water)
1,070	"	1,085	"	clay
1,085	"	1,090	"	rock ledge
1,090	"	1,119	"	hard clay
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

NOTE:

Water meas. at 410', level 230'
" " " # 650' " 230'
" " " # 1,119' " stood at
approx. 180', on Feb. 7, 1949

Work started Jan. 6 1949 Completed Feb. 7 1949

Driller _____

Name C. C. Scott

Address Box 26

Beaumont, California

Mail Two Copies to:
DEPARTMENT OF PUBLIC HEALTH
Court House
Riverside, California

WATER WELL DRILLERS REPORT

(County Ordinances No. 340 and 340A)
COUNTY OF RIVERSIDE
DEPARTMENT OF PUBLIC HEALTH

Do Not Fill In

-431

State Well No. _____
Other Well No. 25/14-15A
Region _____

(1) OWNER:

Name [REDACTED]
Address P. O. Box 307
Calimesa, Calif.

(2) LOCATION OF WELL:

County Riverside Owner's number, if any _____
NE 1/4 NE 1/4 Sec. 15 T 2-S
R 1-W, S.B.B. & M.

(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 Rotary
Irrigation Test Well Other Cable
Dug Well

(5) EQUIPMENT:

Rotary
Cable
Dug Well

(6) CASING INSTALLED:

SINGLE DOUBLE
From ft. to ft. Dism. 16" 1/4" 16" 1/4" Diameter of Bore from ft. to ft. 22 0 800

If gravel packed

Size of gravel: 1/2

Type and size of shoe or well ring None

Describe joint Butt weld

(7) PERFORATIONS:

Type of perforator used Tearch
Size of perforations 4 1/2 in., length, by 3/16 in.
From ft. to ft. Perf. per row Rows per ft.
242 800 6 1

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth 50 ft.
Were any strata sealed against pollution? Yes No If yes, note depth of strata
From ft. to ft.
Method of Sealing Cement

(9) WATER LEVELS:

ft. at which water was first found 242 ft.
fg level before perforating 242 ft.
Standing level after perforating 242 ft.

(10) WELL TESTS:

Was a pump test made? Yes No If yes, by whom?
Yield: gal./min. with _____ ft. draw down after _____ hrs.

(11) WELL LOG:

Total depth 1200 ft. Depth of completed well 800 ft.
Formations: Describe by color, character, size of material, and structure.
0 to 8 ft. Brown Clay.
8 " 11 " light Tan Clay.
11 " 94 " Brown clay.
94 " 262 " Sand, Gravel and Rock.
262 " 311 " Sand with some clay.
311 " 400 " Decomposed granite.
400 " 472 " Hard decomposed.
472 " 500 " Sand course.
500 " 528 " Sand and clay.
528 " 578 " Sand course.
578 " 584 " Rock and gravel.
584 " 675 " Sand and gravel.
675 " 691 " Gravel and D. G.
691 " 705 " Sandy clay.
705 " 980 " Cemented rock and gravel
980 " 1004 " Very hard D. G.
1004 " 1202 " Granite Niece.

Work started _____ 19 _____ Completed Nov. 8 19 62

WELL DRILLER'S STATEMENT:

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

NAME R.L. Trower
(Person, firm, or corporation) (Typed or printed)

Address 445 E. Wabash
San Bernardino, Calif

[SIGNED] Robert L. Trower

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

Do Not Fill In
No 54073

State Well No. _____
Other Well No. _____

(1) OWNER:

Name _____
Address _____
Calimesa, Calif.

(2) LOCATION OF WELL:

County **Riverside** Owner's number, if any— _____
R. F. D. or Street No. _____
NE. 1/4 NE. 1/4 Sec. 15 T 2-S
R. 1-W., S. B. B. SM.

(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	800	16	1/4	

If gravel packed

Diameter of Bore	from	to
22	0	800

Type and size of shoe or well ring **none**

Size of gravel: **1/2 in.**

Describe joint **Butt weld**

(7) PERFORATIONS:

Type of perforator used **Torach**

Size of perforations **4 1/2** in., length, by **3/16** in.

From	ft. to	ft.	Perf. per row	Rows per ft.
242	800	6	1	

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth **50** ft.

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

From _____ ft. to _____ ft.

Method of Sealing **Cement**

(9) WATER LEVELS:

Depth at which water was first found **242** ft.
Standing level before perforating **242** ft.
Standing level after perforating **242** 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 **1200** ft. Depth of completed well **800** ft.

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

ft.	to	ft.	Formation
0	8		Brown Clay.
8	11		Light tan clay.
11	94		Brown clay.
94	262		Sand, gravel and rock.
262	311		Sand with some clay.
311	400		Decomposed granite.
400	472		Hard decomposed granite
472	500		Course sand.
500	528		Sand and clay
528	578		Course sand.
578	584		Rock and gravel.
584	675		Sand and gravel.
675	691		D.C. and gravel.
691	705		Sandy clay.
705	980		Cemented rock and gravel
980	1004		Very hard DIG!
1004	1200		Granite piece.

Work started _____ Completed **Nov. 8** 19**62**

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 **R. L. Trower**
(Person, firm, or corporation)

Address **445 E. Wabash**
San Bernardino, Calif.

[SIGNED] **Robert J. Trower**
Well Driller

License No. **189826** Dated **Nov. 8** 19**62**

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

Do Not Fill In
No 54073

State Well No. _____
Other Well No. _____

(1) OWNER:

Name _____
Address _____
Calimesa, Calif.

(2) LOCATION OF WELL:

County **Riverside** Owner's number, if any— _____
R. F. D. or Street No. _____
NE. 1/4 NE. 1/4 Sec. 15 T 2-S
R. 1-W., S. B. B. SM.

(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	800	16	1/4	"

If gravel packed

Diameter of Bore	from	to
22	0	800

Type and size of shoe or well ring **none**

Size of gravel: **1/2 in.**

Describe joint **Butt weld**

(7) PERFORATIONS:

Type of perforator used **Torach**

Size of perforations **4 1/2** in., length, by **3/16** in.

From	ft. to	ft.	Perf. per row	Rows per ft.
242	800	6	1	"

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth **50** ft.

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

From _____ ft. to _____ ft.

Method of Sealing **Cement**

(9) WATER LEVELS:

Depth at which water was first found **242** ft.

Standing level before perforating **242** ft.

Standing level after perforating **242** 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 **1200** ft. Depth of completed well **800** ft.

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

ft.	to	ft.	Description
0	8	ft.	Brown Clay.
8	11	ft.	Light tan clay.
11	94	ft.	Brown clay.
94	262	ft.	Sand, gravel and rock.
262	311	ft.	Sand with some clay.
311	400	ft.	Decomposed granite.
400	472	ft.	Hard decomposed granite
472	500	ft.	Course sand.
500	528	ft.	Sand and clay
528	578	ft.	Course sand.
578	584	ft.	Rock and gravel.
584	675	ft.	Sand and gravel.
675	691	ft.	D.C. and gravel.
691	705	ft.	Sandy clay.
705	980	ft.	Cemented rock and gravel
980	1004	ft.	Very hard DIG!
1004	1200	ft.	Granite niece.

Work started _____ Completed **Nov. 8** 19**62**

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 **R. L. Trower**

(Person, firm, or corporation) (Typed or printed)

Address **445 E. Wabash**

San Bernardino, Calif.

(SIGNED) **Robert J. Trower**
Well Driller

License No. **189826**

Dated **Nov. 8** 19**62**

9

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

Do Not Fill In
No. 54055

STATE OF CALIFORNIA

State Well No. _____
Other Well No. _____

15/12/15 SA03
SMC No. #9

(1) OWNER:
Name _____
Address _____

(2) LOCATION OF WELL:
County Riverside Owner's number, if any #9
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:

From	ft. to	ft.	Diam.	Gage	Diameter of Bore	from	to
0	985	16	1 1/4	Well	22	0	985
					12	985	1400

Type and size of shoe or well ring none
Describe joint butt weld
Size of gravel: 3/8 pea

(7) PERFORATIONS:

Type of perforator used milling blade
Size of perforations 5/16 in., length, by 3 1/4 in.

From	ft. to	ft.	Perf. per row	Rows per ft.
250	760	4	8	
800	985	4	8	

(8) CONSTRUCTION:
Was a surface sanitary seal provided? Yes No To what depth 65 ft.
Were any strata sealed against pollution? Yes No If yes, note depth of strata
From _____ ft. to _____ ft.
Method of Sealing 65 ft. of 22in. pipe cemented

(9) WATER LEVELS:
Depth at which water was first found 256 ft.
Standing level before perforating 256 ft.
Standing level after perforating 256 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 1400 ft. Depth of completed well 985 ft.

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

ft. to	ft.	
538	689	packed sand, gravel and gravel rock.
689	745	reddish brown clay sand
745	746	rock.
746	759	sand and rock.
759	820	sandy clay.
820	1005	sand, gravel and rock.
1005	1400	blue clay and gray sand.

Top: 1873
bot: 1672

Work started _____ 19 _____ Completed Jan 20 1965

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 R.L. TEAWER (Person, firm or corporation) (Typed or printed)
Address 445 E. Wabash
SAN BERNARDINO, Calif
[SIGNED] Robert L. Teawer Well Driller
License No. 159826 Dated Jan 26 1965

AKI 352

9

(1) OWNER:

Name [Redacted]
Address

(2) LOCATION OF WELL:

County Riverside Owner's number, if any #9
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 Rotary
Irrigation Test Well Other Cable
Dug Well

(5) EQUIPMENT:

(6) CASING INSTALLED:

SINGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/>				If gravel packed		
From	ft. to	ft.	Diam.	Diameter of Bore	from	to
0	985	16	1 1/4	22	0	985
				12	985	1100

Type and size of shoe or well ring none
Describe joint butt weld
Size of gravel: 3/8 pea

(7) PERFORATIONS:

Type of perforator used milling blade
Size of perforations 5/16 in., length, by 3 1/4 in.

From	ft. to	ft.	Perf. per row	Rows per ft.
250	760	4	8	
800	985	4	6	

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth 65 ft.
Were any strata sealed against pollution? Yes No If yes, note depth of strata
From _____ ft. to _____ ft.
Method of Sealing 65 ft. of 22in. pipe cemented

(9) WATER LEVELS:

Depth at which water was first found 256 ft.
Standing level before perforating 256 ft.
Standing level after perforating 256 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 1400 ft. Depth of completed well 985 ft.

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

ft. to	ft.	
538	689	packed sand, gravel and gravel rock.
689	745	reddish brown clay & sand
745	746	rock.
746	759	sand and rock.
759	820	sandy clay.
820	1005	sand, gravel and rock.
1005	1100	blue clay and gray sand.

Work started _____ 19 _____ Completed JAN 20 19 65

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 R. L. TROWER (Person, firm or corporation) (Typed or printed)
Address 445 E. Wabash
SAN BERNARDINO, Calif
[SIGNED] Robert L. Trower Well Driller
License No. 189826 Dated Jan 26, 19 65

South Coastal Basin

NUMBER E-1369

WELL LOG

LOCAL DESIGNATION Owner #
Marliave Red. #51
Hicks Y-11

LOCATION 10' S. of County Line Road, 150'
W. of State Highway, Lot 209, Sub. 9, Yucaipa.

Loc. #18230A

OWNER [REDACTED]

SKETCH

DATE COMPLETED -164 About 1922

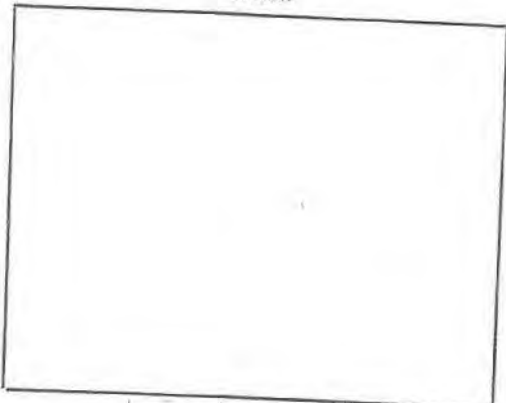
DIAMETER OF CASING 16"

DRILLED BY Henry B. Gansner

SOURCE OF INFORMATION P. E. Hicks

INSPECTED WHILE DRILLING SEE FILE NO.

SURFACE ELEVATION



FOR FIELD COPIES USE ALTERNATE LINES

DEPTH	ELEVATION OF BOTTOM OF STRATUM	MATERIAL	THICKNESS FEET	% VOIDS	ABSOLUTE VOIDS FEET	TOTAL VOIDS FEET
0-135		Clay and some gravel				
140		Sand	135			
190		Clay				
208		Sand and clay				
294		Sand and gravel, greater part cemented.				
336		Gravel, some clay				
360		Clay and gravel	32			
369		Clay				
430		Hard red clay				
431		Clay, little gravel				
440		Soft sandy clay				
443		Clay				
		Perf 205-363				
		Pumps 150" - drawdown 1'				

MICROFILMED

345
7

STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in
No. 161398

Notion of Intent No. _____ State Well No. _____
 Local Permit No. or Date _____ Other Well No. _____

<p>(1) OWNER: Name _____ Address _____ City <u>Calimesa, CA</u> Zip <u>92320</u></p> <p>(2) LOCATION OF WELL (See instructions): County <u>San Bernardino</u> Owner's Well Number <u>28</u> Well address if different from above _____ Township <u>2S</u> Range <u>2W</u> Section <u>11</u> Distance from cities, roads, railroads, fences, etc. <u>Calimesa</u> <u>500' East of County Line Rd.</u> <u>200' South of "H" St.</u></p>	<p>(12) WELL LOG: Total depth <u>1000</u>; Depth of completed well <u>770</u> ft. from ft. to ft. Formation (Describe by color, character, size or material)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>0 - 16</td><td>Top Soil, Clay, Rock & Sand</td></tr> <tr><td>16 - 41</td><td>Clay, Rock & Gravel</td></tr> <tr><td>41 - 103</td><td>Small Gravel & Sand</td></tr> <tr><td>103 - 214</td><td>Spotted Rock, Sand & Gravel</td></tr> <tr><td>214 - 260</td><td>Granite Formation, firm</td></tr> <tr><td>260 - 327</td><td>Small Gravel, Sand & Rock</td></tr> <tr><td>327 - 390</td><td>Small Gravel, tight</td></tr> <tr><td>390 - 506</td><td>Gravel</td></tr> <tr><td>506 - 540</td><td>Gravel & Small Boulders</td></tr> <tr><td>540 - 556</td><td>Red Clay</td></tr> <tr><td>556 - 587</td><td>Gravel, w/Clay Streaks</td></tr> <tr><td>587 - 611</td><td>Gravel & Granite, tight spots</td></tr> <tr><td>611 - 620</td><td>Sandy Clay, tight</td></tr> <tr><td>620 - 637</td><td>Sandy Clay, Gravel Streaks</td></tr> <tr><td>637 - 744</td><td>Gravel & Small Rocks</td></tr> <tr><td>744 - 762</td><td>Small Gravel, Sandy Clay</td></tr> <tr><td>762 - 770</td><td>Gravel</td></tr> <tr><td>770 - 802</td><td>Sandy Clay</td></tr> <tr><td>802 - 808</td><td>Gravel & Rock</td></tr> <tr><td>808 - 865</td><td>Sandy Clay</td></tr> <tr><td>865 - 952</td><td>Gravel w/Clay Streaks</td></tr> <tr><td>952 - 1000</td><td>Sand & Gravel</td></tr> </table>	0 - 16	Top Soil, Clay, Rock & Sand	16 - 41	Clay, Rock & Gravel	41 - 103	Small Gravel & Sand	103 - 214	Spotted Rock, Sand & Gravel	214 - 260	Granite Formation, firm	260 - 327	Small Gravel, Sand & Rock	327 - 390	Small Gravel, tight	390 - 506	Gravel	506 - 540	Gravel & Small Boulders	540 - 556	Red Clay	556 - 587	Gravel, w/Clay Streaks	587 - 611	Gravel & Granite, tight spots	611 - 620	Sandy Clay, tight	620 - 637	Sandy Clay, Gravel Streaks	637 - 744	Gravel & Small Rocks	744 - 762	Small Gravel, Sandy Clay	762 - 770	Gravel	770 - 802	Sandy Clay	802 - 808	Gravel & Rock	808 - 865	Sandy Clay	865 - 952	Gravel w/Clay Streaks	952 - 1000	Sand & Gravel
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952 - 1000	Sand & Gravel																																												
<p>Per BULLETIN # 7H WATER WELL STANDARDS</p> <p>(3) TYPE OF WORK: New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconstruction <input type="checkbox"/> Reconditioning <input type="checkbox"/> Horizontal Well <input type="checkbox"/> Destruction <input type="checkbox"/> (Describe destruction materials and procedures in Item 12)</p> <p>(4) PROPOSED USE: Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Test Well <input type="checkbox"/> Stock <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Other <input type="checkbox"/></p>	<p>(6) GRAVEL PACK: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Size <u>#5 Gravel</u> Diameter of bore <u>24"</u> Packed from <u>50'</u> to <u>770</u> ft.</p>																																												
<p>(5) EQUIPMENT: Rotary <input checked="" type="checkbox"/> Reverse <input type="checkbox"/> Cable <input type="checkbox"/> Air <input type="checkbox"/> Other <input type="checkbox"/> Bucket <input type="checkbox"/></p>	<p>(8) PERFORATIONS: Type of perforation <u>R/M Horizontal Louvre</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Dia. in.</th> <th>Cage or Wall</th> <th>From ft.</th> <th>To ft.</th> <th>Slot size</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>770</td> <td>5/16</td> <td>5/16</td> <td>250</td> <td>770</td> <td>3/32 x 2 1/2"</td> </tr> </tbody> </table>	From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size	0	770	5/16	5/16	250	770	3/32 x 2 1/2"																														
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0	770	5/16	5/16	250	770	3/32 x 2 1/2"																																							
<p>(7) CASING INSTALLED: Steel <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Concrete <input type="checkbox"/></p>	<p>(9) WELL SEAL: Was surface sanitary seal provided? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, to depth <u>50</u> ft. Were strata sealed against pollution? Yes <input type="checkbox"/> No <input type="checkbox"/> Interval _____ ft. Method of sealing <u>Cement in place</u></p>																																												
<p>(10) WATER LEVELS: Depth of first water, if known _____ ft. Standing level after well completion <u>183</u> ft.</p>	<p>Work started <u>11-20 19 85</u> Completed <u>1-9 19 86</u></p> <p>WELL DRILLER'S STATEMENT: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.</p> <p>SIGNED _____ (Well Driller)</p>																																												
<p>(11) WELL TESTS: Was well test made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, by whom? <u>McCalla Bros.</u> Type of test Pump <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Air lift <input type="checkbox"/> _____ ft. to water at start of test _____ ft. At end of test _____ ft. _____ gal/min after <u>26 1/2</u> hours Water temperature _____</p> <p>Chemical analysis made? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, by whom? _____ Was electric log made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, attach copy to this report <u>N.A.</u></p>	<p>NAME <u>McCalla Bros.</u> (Person, firm, or corporation) (Typed or printed) Address <u>3132 W. 17th St.</u> City <u>Santa Ana, CA</u> Zip <u>92703</u> License No. <u>196824</u> Date of this report <u>1-27-86</u></p>																																												

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

South Coastal Basin

DIVISION OF WATER RESOURCES
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

25/2W-14301 SHEET 1
NUMBER E-176h

WELL LOG

LOCAL DESIGNATION Owner #14
Marliave Red. #53
Hicks Y-14

LOCATION 50' E. of County Line Road, 700' W. of
State Highway, Lot 205, Sub. 9, Yucaipa.

Loc. #18239-

OWNER [REDACTED]

SKETCH

DATE COMPLETED About 1927

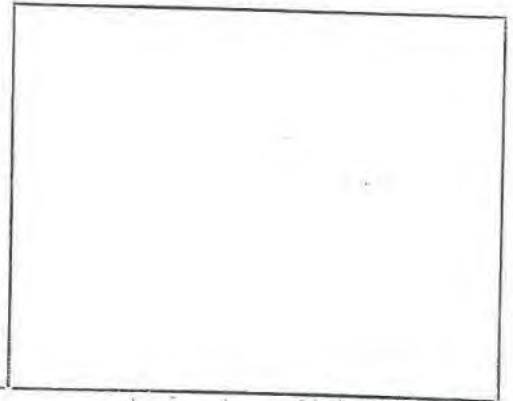
DIAMETER OF CASING 16"

DRILLED BY Clark McEuen

SOURCE OF INFORMATION P.E.Hicks

INSPECTED WHILE DRILLING SEE FILE NO.

SURFACE ELEVATION _____



FOR FIELD COPIES USE ALTERNATE LINES

DEPTH	ELEVATION OF BOTTOM OF STRATUM	MATERIAL	THICKNESS FEET	% VOIDS	ABSOLUTE VOIDS FEET	TOTAL VOIDS FEET
0-130		Clay				
150		Tight gravel	130			
160		Clay	20			
175		Tight gravel	15			
210		Coarse gravel, loose	35			
212		Red coarse sand	8			
250		Coarse gray gravel	34			
265		Clay and gravel, hard	14			
310		Coarse gravel, good	44			
317		Sand and clay	7			
325		All clay	8			
348		Wash gravel, coarse	23			
351		Clay	3			
353		Fine sand	2			
395		Clay	42			
		Pumps 100" Drawdown 100'				

MICROFILMED

6597
344
6

PACIFIC SURVEYS

ELECTRIC LOG GAMMA-RAY

Job No. 16423
 Company [REDACTED]
 Well CAL MESA WATER 7TH ST. WELL
 Field YUCAIPA
 File No.
 County SAN BERNARDINO State CA

Location: EAST END OF 7TH ST
 GPS: N34o 00.769' W117o 04.032'
 Other Services: SONIV/VDL

Sec.	Twp.	Rge.	Elevation above perm. datum	Elevation
Permanent Datum	G.L.			
Log Measured From	G.L.	0'		K.B. G.L.
Drilling Measured From	G.L.			
Date	02-27-2012			
Run Number	ONE			
Depth Driller	913'			
Depth Logger	912'			
Bottom Logged Interval	910'			
Top Log Interval	50'			
Casing Driller	30" @ 50'			
Casing Logger	50'			
Bit Size	17.5"			
Type Fluid in Hole	WATER			
Density / Viscosity	N/A			
pH / Fluid Loss	N/A			
Source of Sample	PIT			
Rm @ Meas. Temp	14.2 @ 77F			
Rmf @ Meas. Temp	14.2 @ 77F			
Rmc @ Meas. Temp	N/A			
Source of Rmf / Rmc	MEAS			
Rm @ BHT	N/A			
Time Circulation Stopped	3 HRS			
Time Logger on Bottom	02:10			
Max. Recorded Temperature	N/A			
Equipment Number	PS-5			
Location	L.A.			
Recorded By	RIDDER			
Witnessed By	-			

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Handwritten notes:
 ~ 200-300 m w/L TDS
 100 gms salt
 200 gms = 23
 50 gms = 23
 water
 high resist - current goes
 but into barrel
 resistivity 4-5 ohm-cm water

Calibration Report

Database File: 16423.db
 Dataset Pathname: Elog
 Dataset Creation: Mon Feb 27 02:06:10 2012 by Log Open-Cased 100827

ELOG Calibration Report

Serial: D1
 Model: DTQ
 Shop Calibration Performed: Fri Sep 02 10:21:35 2011
 Before Survey Verification Performed: Wed May 18 15:44:28 2011
 After Survey Verification Performed: Wed May 18 15:45:08 2011

Shop Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	8.723	99.406		10.200	102.200	Ohm-m	1.015	1.350
Long	7.680	96.048		10.200	102.200	Ohm-m	1.041	-17.600
IEE	52.920	3270.320	counts	0.058	3.579	A		
VSN	49.080	5373.320	counts	0.936	102.490	V		
VLN	204.820	45711.480	counts	3.907	871.891	V		

Before Survey Verification

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	80.215	146.194		82.548	146.243	Ohm-m	0.965	5.112
Long	1342.350	4974.190		4976.440	4976.440	Ohm-m	0.991	47.934
IEE	54.260	3251.500	counts	0.059	3.558	A		
VSN	48.900	5340.600	counts	0.933	101.865	V		
VLN	204.580	45427.860	counts	3.902	866.481	V		

After Survey Verification

	Readings			References			Results	
	Zero	Cal		Zero	Cal		Gain	Offset
Short	79.445	146.186		80.215	146.194	Ohm-m	0.989	1.677
Long	1341.850	4973.840		4974.190	4974.190	Ohm-m	1.000	0.554
IEE	54.360	3249.300	counts	0.059	3.556	A		
VSN	48.520	5336.700	counts	0.925	101.791	V		
VLN	204.880	45393.900	counts	3.908	865.833	V		

After Survey Verification compared to Before Survey Calibration

	Zero			Cal		
	Before	After		Before	After	
Short	82.548	80.215	Ohm-m	146.243	146.194	Ohm-m
Long	1377.960	1342.350	Ohm-m	4976.440	4974.190	Ohm-m

Gamma Ray Calibration Report

Serial Number: D4
 Tool Model: ELOG
 Performed: Sat Apr 09 12:21:07 2011
 Calibrator Value: 162.0 GAPI
 Background Reading: 212.4 cps
 Calibrator Reading: 707.5 cps

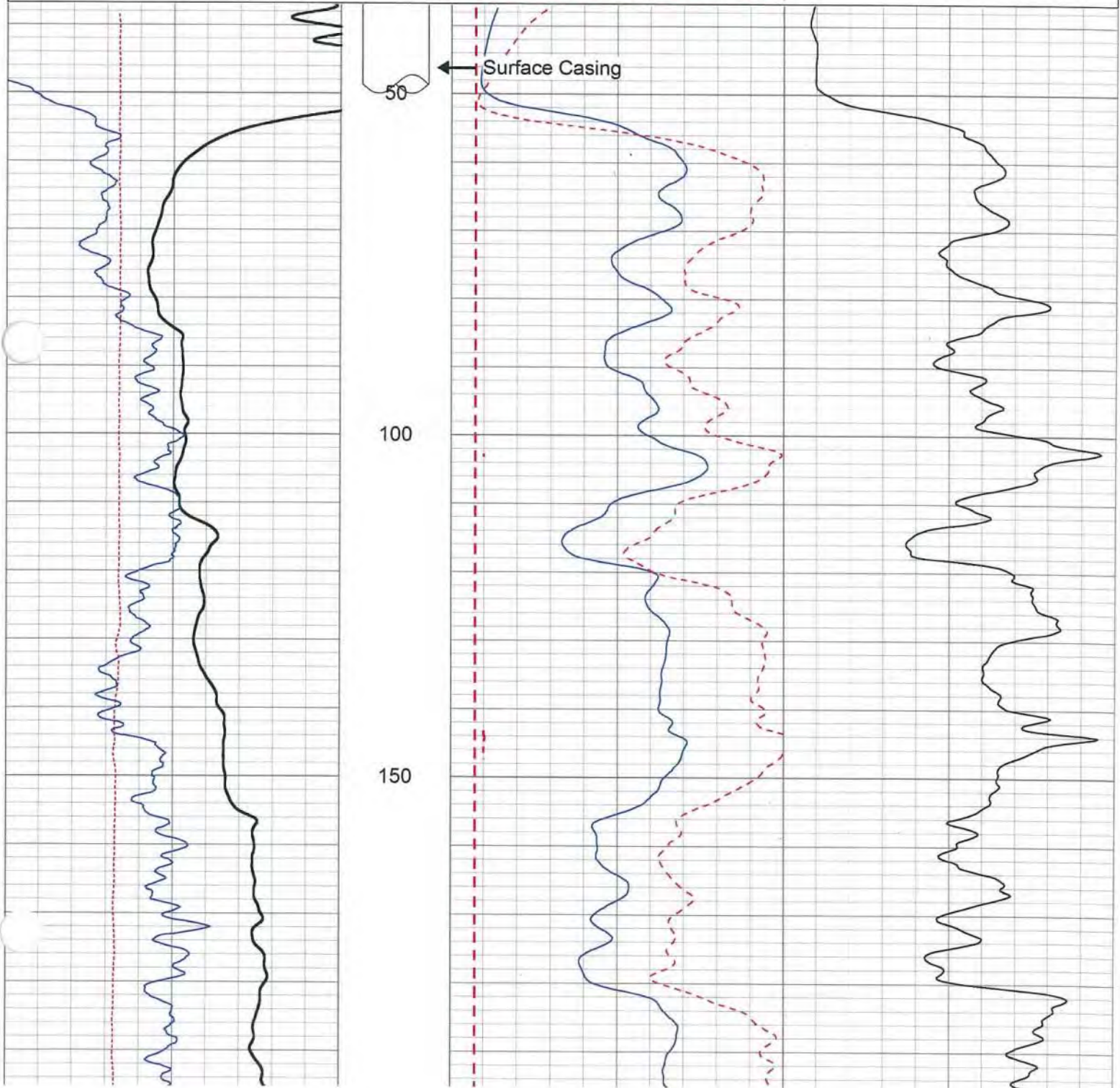
Sensitivity:

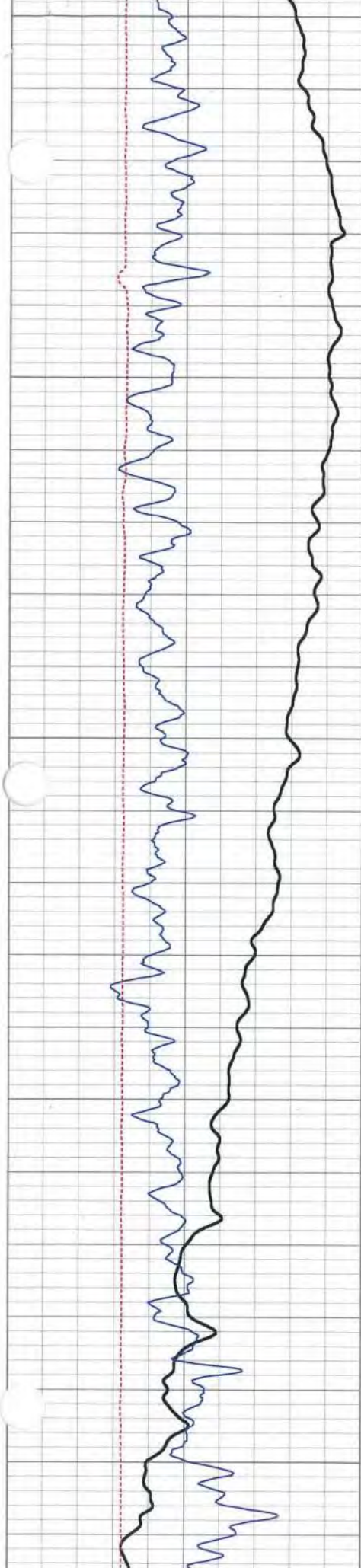
0.3272

GAPI/cps

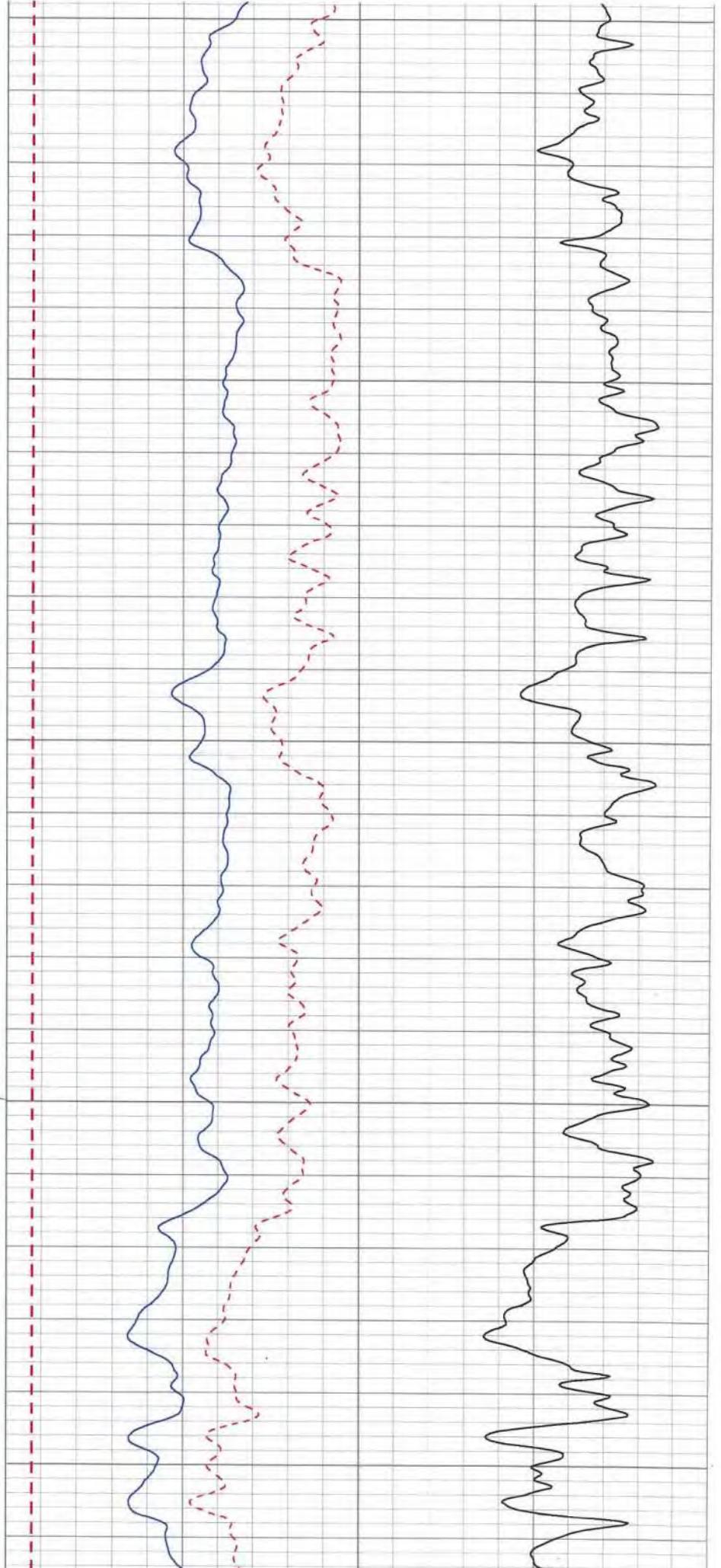
Database File: 16423.db
 Dataset Pathname: Elog
 Representation Format: elog
 Dataset Creation: Mon Feb 27 02:06:10 2012 by Log Open-Cased 100827
 Charted by: Depth in Feet scaled 1:240

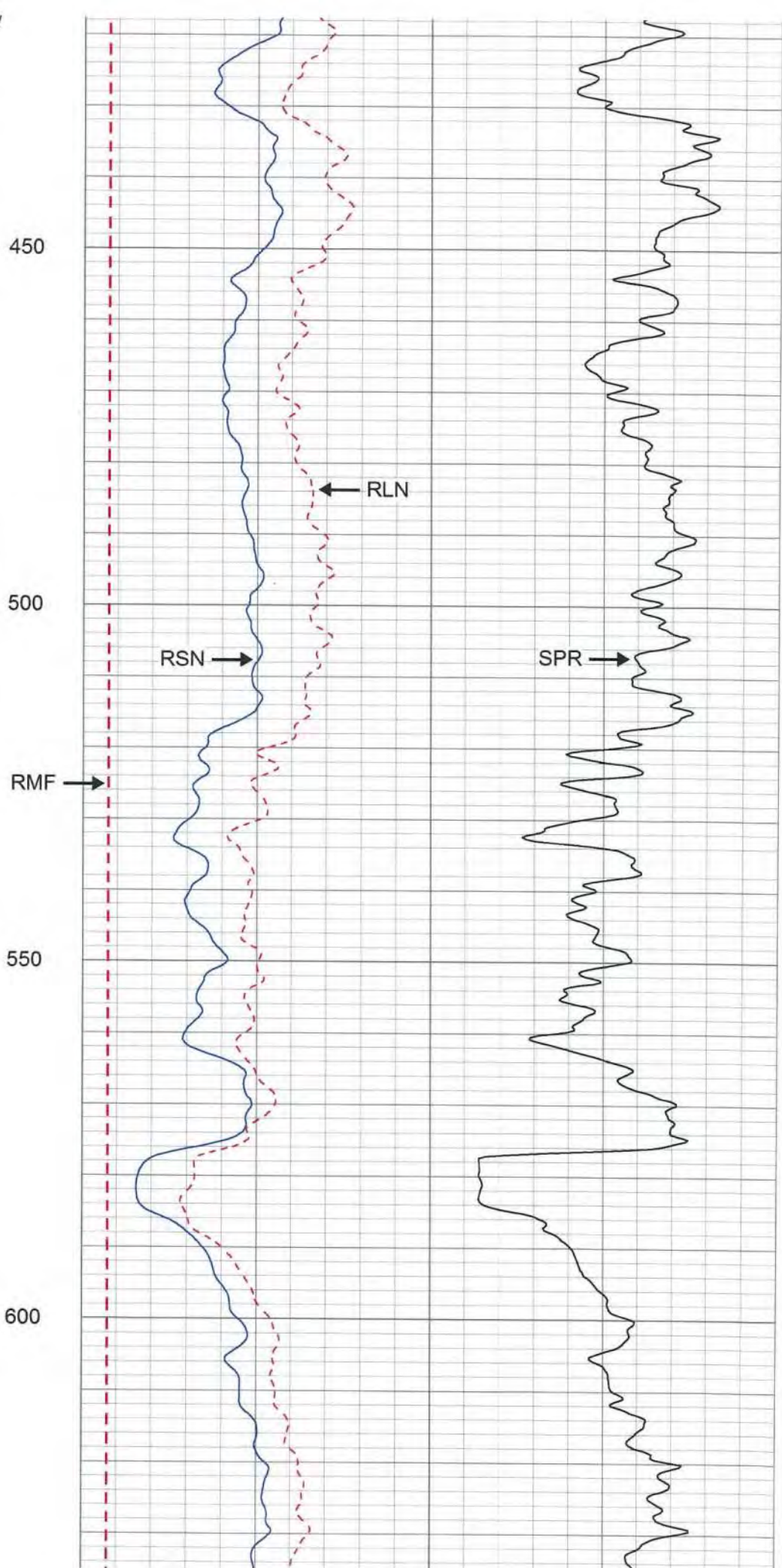
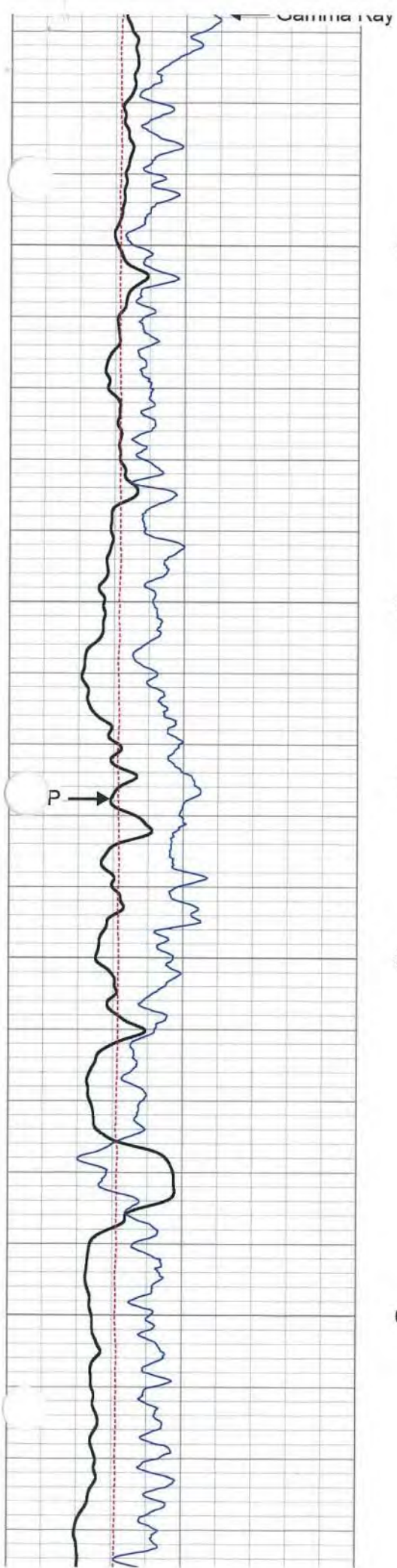
-75	SP (mV)	50	0	RSN (Ohm-m)	200	200	SPR (Ohm-m)	310
0	Line Speed (ft/min)	-100	0	RLN (Ohm-m)	200			
30	Gamma Ray (GAPI)	130	0	RMF (Ohm-m)	200			
			200	RSN x 10 (Ohm-m)	2000			
			200	RLN x 10 (Ohm-m)	2000			

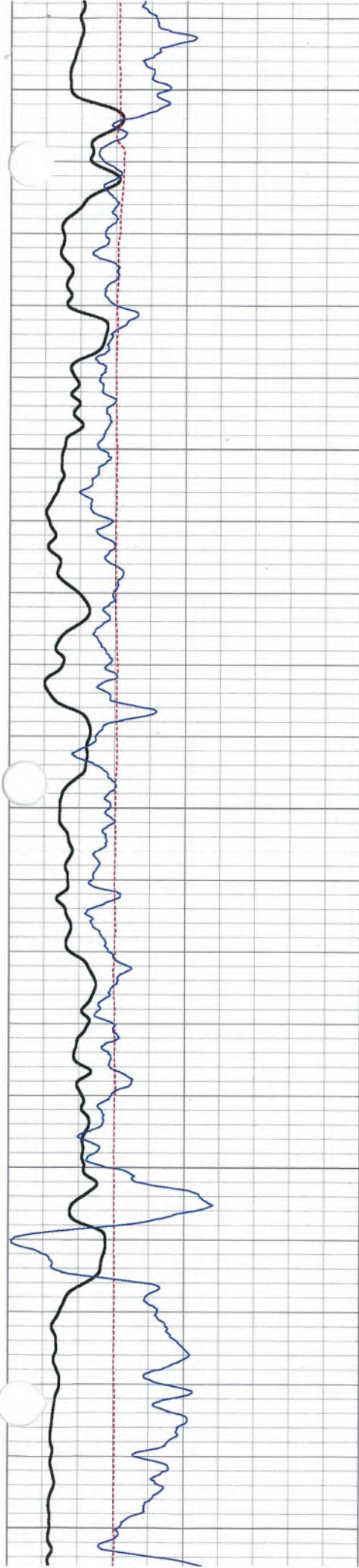




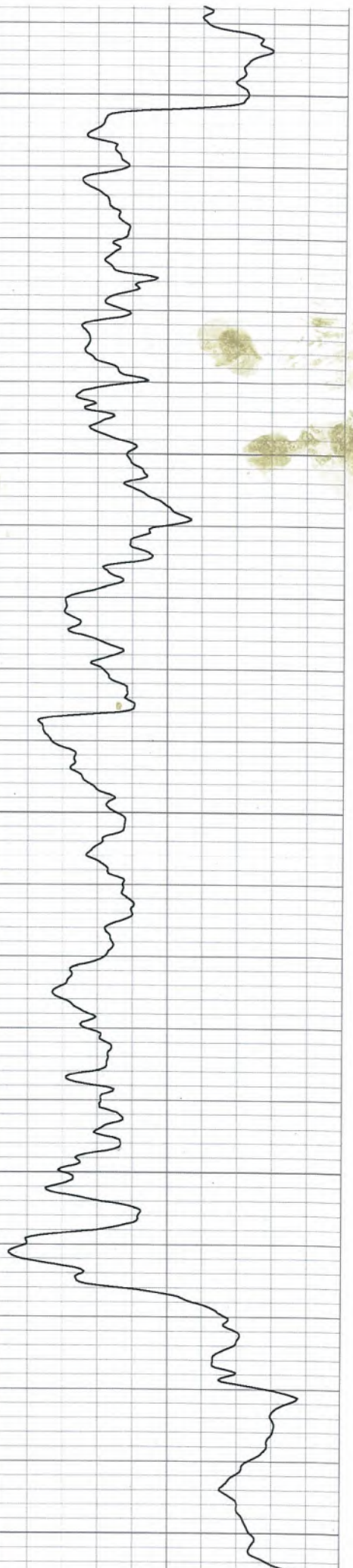
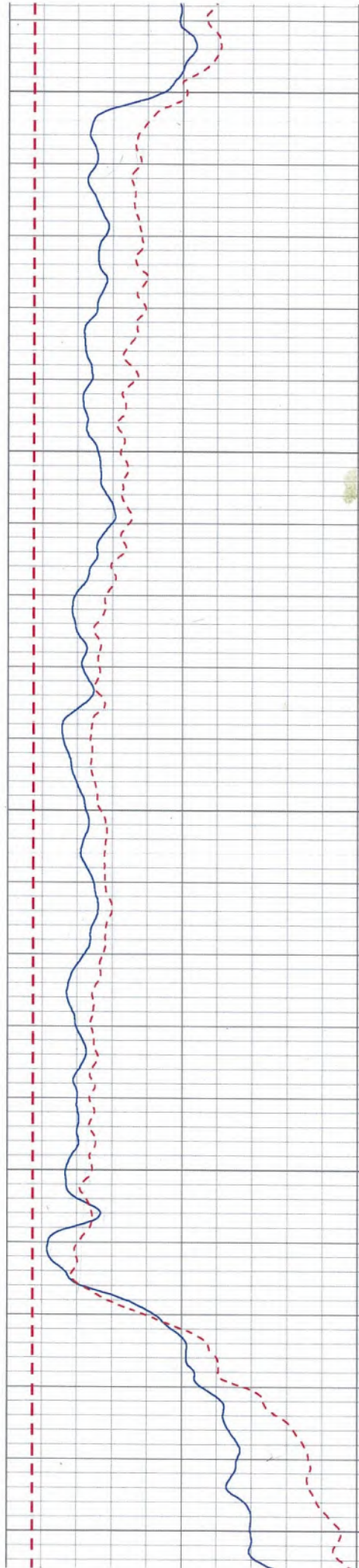
200
250
300
350
400
ms

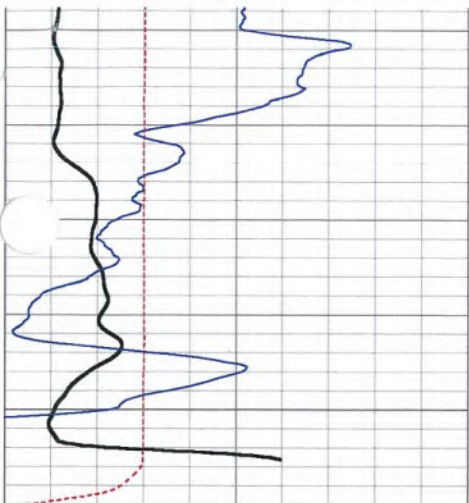






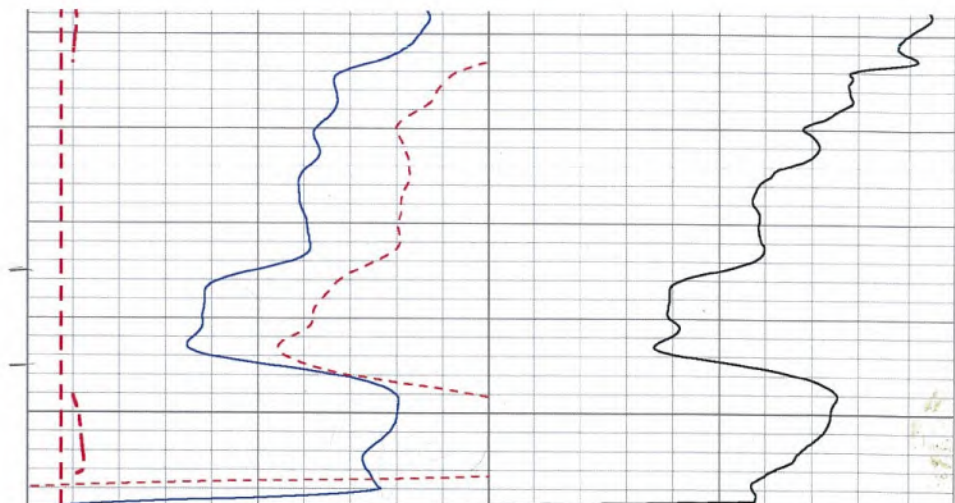
650
700
750
800
850





-75	SP (mV)	50
0	Line Speed (ft/min)	-100
30	Gamma Ray (GAPI)	130

900



0	RSN (Ohm-m)	200	200	SPR (Ohm-m)	310
0	RLN (Ohm-m)	200			
0	RMF (Ohm-m)	200			
200	RSN x 10 (Ohm-m)	2000			
200	RLN x 10 (Ohm-m)	2000			

*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 2

State of California Well Completion Report

Refer to Instruction Pamphlet No. e0115380

Owner's Well Number

Date Work Began 07/29/2010

Date Work Ended 8/4/2010

Local Permit Agency San Bernardino Department of Public Health

Permit Number 7010070342

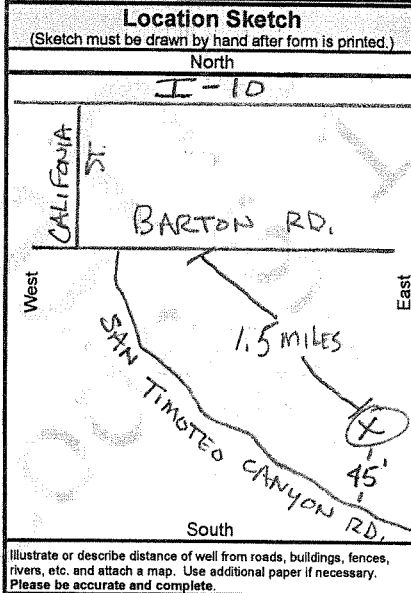
Permit Date 7/23/10

DWR Use Only - Do Not Fill In. State Well Number/Site Number, Latitude, Longitude, APN/TRS/Other

Geologic Log table with columns: Depth from Surface (Feet), Description, etc. Includes total depth of boring and completed well.

Well Owner information: Name, Mailing Address, City, State, Zip

Well Location information: Address, City, County, Latitude, Longitude, Datum, APN Book, Page, Parcel, Township, Range, Section



Activity selection: New Well, Modification/Repair, Deepen, Other, Destroy

Planned Uses selection: Water Supply, Domestic, 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, Depth to Static, Water Level, Estimated Yield, Test Type, Test Length, Total Drawdown

Casings table with columns: Depth from Surface, Borehole Diameter, Type, Material, Wall Thickness, Outside Diameter, Screen Type, Slot Size

Annular Material table with columns: Depth from Surface, Fill, Description

Attachments checklist: Geologic Log, Well Construction Diagram, Geophysical Log(s), Soil/Water Chemical Analyses, Other

Certification Statement: I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief. Includes signature and contractor information.

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 105799

State Well No. _____

Other Well No. _____

Local Permit # 03098701

(1) OWNER: Name: [REDACTED] Address: [REDACTED] Yucaipa, California 92399					(11) WELL LOG: Total depth 673' ft. Depth of completed well 630' ft. Formation: Describe by color, character, size of material, and structure ft. to _____ ft.																		
(2) LOCATION OF WELL: County San Bernardino Owner's number, if any 2A Township, Range, and Section 2S, 2W, Section 4 Distance from cities, roads, railroads, etc. 1,000 FT. N. of Ave. E., 600' E. of 14th St.					0'-50' Conductor 50'-80' Coarse sand, fine gravel 80'-109' Sand 109'-115' Gray clay, fine gravel 115'-125' Brown clay, coarse sand 125'-132' Sticky brown clay & sand 132'-135' Coarse sand 135'-173' Sticky brown clay, sand, gravel 173'-175' Sand & little clay 175'-180' Sand & gravel, with clay streaks 180'-183' Sticky clay & coarse sand 183'-190' Sticky clay, fine sand & silt 190'-192' Loose clay, fine & coarse sand 192'-200' Sticky brown clay, & sand 200'-215' Coarse sand, loose clay, & gravel 215'-225' Sticky brown clay, sand & gravel 225'-239' Coarse sand & loose clay 239'-250' Sticky clay, sand, & gravel 250'-258' Coarse sand & loose clay 258'-308' Coarse sand & gravel 308'-346' Sticky clay & coarse sand 346'-353' Sand & small fragmented gravel 353'-547' Coarse sand, sticky clay, gravel 547'-560' Coarse sand, gravel, white quartz 560'-590' Coarse sand & gravel, little clay 590'-673' Coarse sand, little or no clay gravel very firm																		
(3) TYPE OF WORK (check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Destroying <input type="checkbox"/> If destruction, describe material and procedure in Item 11.					(5) EQUIPMENT: Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Other <input type="checkbox"/>																		
(4) PROPOSED USE (check): Domestic <input type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/>					(6) CASING INSTALLED: STEEL: <input checked="" type="checkbox"/> OTHER: _____ SINGLE <input type="checkbox"/> DOUBLE <input type="checkbox"/>																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Diam.</th> <th>Gage or Wall</th> <th>Diameter of Bore</th> <th>From ft.</th> <th>To ft.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>630</td> <td>16"</td> <td>5/16</td> <td>26"</td> <td>50</td> <td>630</td> </tr> </tbody> </table>					From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.	0	630	16"	5/16	26"	50	630	If gravel packed Yes Size of gravel: 4 x 7 mix				
From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.																	
0	630	16"	5/16	26"	50	630																	
(7) PERFORATIONS OR SCREEN: Type of perforation or name of screen					Describe joint																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Perf. per row</th> <th>Rows per ft.</th> <th>Size in. x in.</th> </tr> </thead> <tbody> <tr> <td>400'</td> <td>620'</td> <td></td> <td></td> <td>3/32</td> </tr> </tbody> </table>					From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.	400'	620'			3/32	(8) CONSTRUCTION: Was a surface sanitary seal provided? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> To what depth 50 ft. Were any strata sealed against pollution? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, note depth of strata From _____ ft. to _____ ft. From _____ ft. to _____ ft. Method of sealing Concrete								
From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.																			
400'	620'			3/32																			
(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 270' ft.					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 McCalla Bros. (Person, firm, or corporation) (Typed or printed) Address 802 Nevada Street, Redlands, Ca.																		
(10) WELL TESTS: Was pump test made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, by whom? McCalla Bros. Yield: 1500 gal./min. with 86' ft. drawdown after 6.5 hrs. Temperature of water _____ Was a chemical analysis made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Was electric log made of well? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, attach copy					[SIGNED] Bill McCalla (Well Driller) License No. C-57196824 Dated July 10, 1987																		

SKETCH LOCATION OF WELL ON REVERSE SIDE

Well 2A

0-50' Conductor
 50-80' Coarse sand and fine gravel
 80-109' Sand no clays
 109-115' Gray clay (loose) and fine gravel
 115-125' Brown clay (loose) coarse sand 70% fine gravel
 125-132' Sticky brown clay and sand
 132-135' Sand (coarse) very loose clay (4')
 135-148' Sticky brown clay sand and gravel (rough drilling)
 148-173' Sticky brown clay some sand and fine gravel, firm spots
 173-175' Sand little clay
 175-180' Sand and gravel with clay streaks
 180-183' Sticky brown clay and coarse sand
 183-190' Very sticky clay and fine sand and silt, some gravel.
 190-192' Loose clay, fine and coarse sand
 192-200' Very sticky brown clay and sand, some small gravel
 200-215' Coarse sand and loose clay, some gravel
 215-225' Sticky brown clay, sand, and gravel
 225-239' Coarse sand and loose clay
 239-250' Sticky clay sand and gravel (fragmented)
 250-258' Coarse sand and loose clay
 258-280' Coarse sand and fine gravel , little clay
 280-283' Coarse sand and gravel, increase in sticky clay
 283-308' Coarse sand and gravel, very loose clay
 308-338' Sticky clay and coarse sand
 338-341' Very sticky clay, some sand and gravel
 341-346' Sticky clay and coarse sand
 346-353' Sand and small fragmented gravel, little clay
 353-370' Coarse sand, very uniform and clay, some gravel.
 370-393' Increase in clay, very sticky
 393-409' Very sticky clay, some sand and gravel (40%)
 409-435' Sticky sand and clay
 435-445' Sticky loose sand, clay, and gravel
 445-470' Loose clay and coarse sand (80%)
 470-473' Sticky clay, sand, and gravel
 473-481' Coarse sand and gravel, loose clay
 481-485' Very tight sticky clay and coarse sand
 485-494' Clay and coarse sand (clay is loose and sticky)
 494-545' Coarse sand fragmented gravel, some clay
 545-547' Coarse sand, gravel, (fraggged) sticky clay
 547-560' Coarse sand gravel little loose clay, a lot of very fraggged white quartz
 560-566' Coarse sand and gravel, little clay, very rough drilling very tight.
 566-578' Sticky clay coarse sand and fragmented gravel
 578-583' Loose sticky clay coarse sand and gravel
 583-587' Coarse sand, some gravel (fine) loose sticky clay
 587-590' Coarse sand, spotty gravels, tight sticky clay
 590-608' Coarse uniform sand and loose clay (20%) fine fragmented gravels
 608-648' Coarse uniform sand, sticky clay little gravel
 648-673' Coarse sand (uniform) little or no clay, very firm

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JUN 23 1987

ORIGINAL
File with DWR

HWWC Well 2A

2S/2W-4G3

STATE OF CALIFORNIA
THE RESOURCES AGENCY

Do Not Fill In

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 105799

State Well No. _____
Other Well No. _____

Local Permit # 03098701

(1) OWNER:

Name _____
Address _____
Yucaipa, California 92399

(11) WELL LOG:

Total depth 673' ft. Depth of completed well 630' ft.
Formation: Describe by color, character, size of material, and structure
ft. to ft.

(2) LOCATION OF WELL:

County San Bernardino Owner's number, if any 2A
Township, Range, and Section 2S, 2W, Section 4
Distance from cities, roads, railroads, etc. 1,000 FT. N. of Ave. E., 600' E. of 14th St.

0'-50' Conductor
50'-80' Coarse sand, fine gravel
80'-109' Sand

(3) TYPE OF WORK (check):

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

109'-115' Gray clay, fine gravel
115'-125' Brown clay, coarse sand
125'-132' Sticky brown clay & sand
132'-135' Coarse sand

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) EQUIPMENT:

Rotary
Cable
Other

135'-173' Sticky brown clay, sand, gravel
173'-175' Sand & little clay
175'-180' Sand & gravel, with clay streaks
180'-183' Sticky clay & coarse sand
183'-190' Sticky clay, fine sand & silt
190'-192' Loose clay, fine & coarse sand
192'-200' Sticky brown clay, & sand
200'-215' Coarse sand, loose clay, & gravel
215'-225' Sticky brown clay, sand & gravel
225'-239' Coarse sand & loose clay
239'-250' Sticky clay, sand, & gravel
250'-258' Coarse sand & loose clay
258'-308' Coarse sand & gravel

(6) CASING INSTALLED:

STEEL: OTHER: _____
SINGLE DOUBLE

If gravel packed
Yes

From ft.	To ft.	Dism.	Gage or Wall	Diameter of Bore	From ft.	To ft.
0	630	16"	5/16	26"	50	630

308'-346' Sticky clay & coarse sand
346'-353' Sand & small fragmented gravel
353'-547' Coarse sand, sticky clay, gravel
547'-560' Coarse sand, gravel, white quartz
560'-590' Coarse sand & gravel, little clay
590'-673' Coarse sand, little or no clay & gravel very firm

Size of shoe or well ring: _____

Size of gravel: 4 x 7 mix

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.
400'	620'			3/32

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth 50 ft.

Were any struts sealed against pollution? Yes No If yes, note depth of struts

From ft. to ft.
From ft. to ft.
Method of sealing Concrete

Work started 3-10 19 87, Completed 5-8 19 87

(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 270' ft.

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 McCalla Bros.

(Person, firm, or corporation) (Typed or printed)

(10) WELL TESTS:

Address 802 Nevada Street, Redlands, Ca.

Was pump test made? Yes No If yes, by whom? McCalla Bros.

Yield: 1500 gal./min. with 86' ft. drawdown after 65 hrs.

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

Electric log made of well? Yes No If yes, attach copy

[SIGNED] *Billie P. McCalla*
(Well Driller)

License No. C-57196824 Dated July 10, 1987

SKETCH LOCATION OF WELL ON REVERSE SIDE

18754

2A

Well 2A

0-50' Conductor
 50-80' Coarse sand and fine gravel
 80-109' Sand no clays
 109-115' Gray clay (loose) and fine gravel
 115-125' Brown clay (loose) coarse sand 70% fine gravel
 125-132' Sticky brown clay and sand
 132-135' Sand (coarse) very loose clay (4')
 135-148' Sticky brown clay sand and gravel (rough drilling)
 148-173' Sticky brown clay some sand and fine gravel, firm spots
 173-175' Sand little clay
 175-180' Sand and gravel with clay streaks
 180-183' Sticky brown clay and coarse sand
 183-190' Very sticky clay and fine sand and silt, some gravel.
 190-192' Loose clay, fine and coarse sand
 192-200' Very sticky brown clay and sand, some small gravel
 200-215' Coarse sand and loose clay, some gravel
 215-225' Sticky brown clay, sand, and gravel
 225-239' Coarse sand and loose clay
 239-250' Sticky clay sand and gravel (fragmented)
 250-258' Coarse sand and loose clay
 258-280' Coarse sand and fine gravel , little clay
 280-283' Coarse sand and gravel, increase in sticky clay
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 338-341' Very sticky clay, some sand and gravel
 341-346' Sticky clay and coarse sand
 346-353' Sand and small fragmented gravel, little clay
 353-370' Coarse sand, very uniform and clay, some gravel.
 370-393' Increase in clay, very sticky
 393-409' Very sticky clay, some sand and gravel (40%)
 409-435' Sticky sand and clay
 435-445' Sticky loose sand, clay, and gravel
 445-470' Loose clay and coarse sand (80%)
 470-473' Sticky clay, sand, and gravel
 473-481' Coarse sand and gravel, loose clay
 481-485' Very tight sticky clay and coarse sand
 485-494' Clay and coarse sand (clay is loose and sticky)
 494-545' Coarse sand fragmented gravel, some clay
 545-547' Coarse sand, gravel, (fraggd) sticky clay
 547-560' Coarse sand gravel little loose clay, a lot of very fraggd
 white quartz
 560-566' Coarse sand and gravel, little clay, very rough drilling
 very tight.
 566-578' Sticky clay coarse sand and fragmented gravel
 578-583' Loose sticky clay coarse sand and gravel
 583-587' Coarse sand, some gravel (fine) loose sticky clay
 587-590' Coarse sand, spotty gravels, tight sticky clay
 590-608' Coarse uniform sand and loose clay (20%) fine fragmented gravels
 608-648' Coarse uniform sand, sticky clay little gravel
 648-673' Coarse sand (uniform) little or no clay, very firm

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 JUN 20 1987

Do Not Fill In

Permit No. 03098701
 Expiration _____
 FF _____
 FA _____
 SN _____

WELL PERMIT

PLEASE PRINT:

1. OWNER: Name _____
 Mailing Address _____
 City YUCAIPA CA Zip 92399
 Phone No. 790-1901

2. DATE OF WORK (approximate):
 Start _____ Complete _____

3. WELL DRILLER (Check One):
 Owner Contractor _____
 Name _____

4. WELL USE (check):
 Community Industrial
 Individual Test
 Agricultural Other
 Dairy Horizontal

5. TYPE OF WORK (check):
 New Reconstruction Destruction

Items 6 through 10 to be estimated for new wells, and exact for all other wells.
 6. ANNULAR SEAL: Depth 50 ft.
 Furnished by: Owner Contractor
 Driven Conductor Dia. _____ in., Wall (Gage) _____
 Sealing Material Concrete, Thickness _____ in.

7. DEPTH OF WELL (feet):
 Proposed 650 Existing _____
 DIAMETER OF BORE (in.): 24 or 26

8. CASING INSTALLED:
 Steel Plastic Other

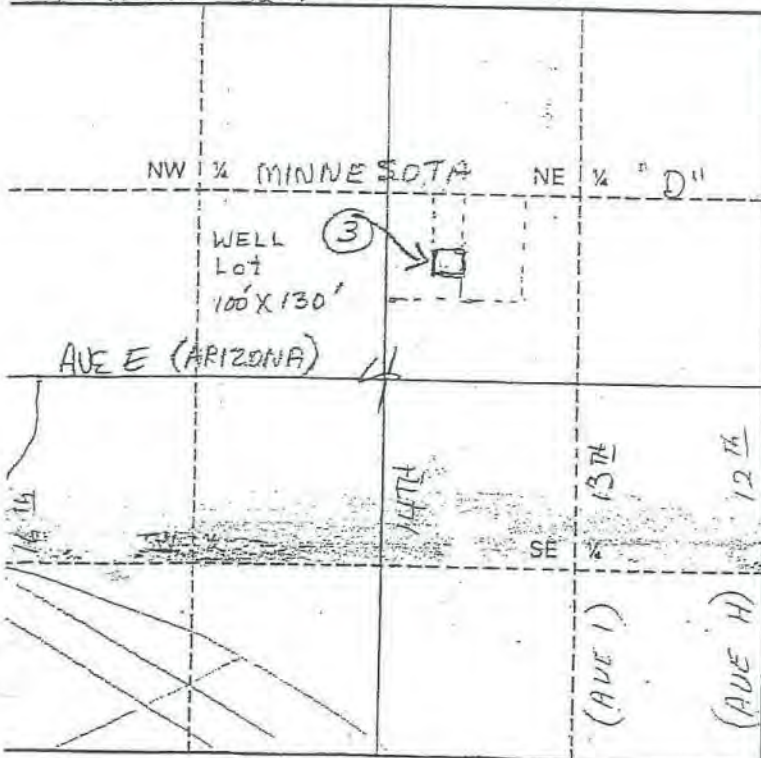
From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>650</u>	<u>16"</u>	<u>1/4</u>

GRAVEL PACK: Yes No
 From 50' to 650 ft.

9. PERFORATIONS (if applicable):
 From 400 to 650 ft.

10. SEALED ZONES (if applicable):
 From ? to _____ ft.

YUCAIPA BLVD SECTION MAP



11. GENERAL LOCATION MAP: Pg 30-6E
DUNLAP RANCH SUBDU
 (a) Sketch location of well, name(s) and location of road(s) on section map.
 (b) Township 25 N/S Range 2W E/W
 Section 4
 (c) Assessor's Parcel No. 301-091-03
 (d) Solid or liquid waste disposal site within two miles?
 Yes No
 Location: _____

Fee Stamp	Do Not Fill In	Date Stamp
DATE <u>0309872-2</u>		
AMOUNT <u>170.00</u>		
PERMIT NO. <u>0309872-2</u>		
BY: <u>McCalla Bros #5309</u>		
PAID		

Do Not Fill In
Permit No. 03028901

WELL PERMIT

Expiration MAR 2, 1988
FF _____
FA _____
SN _____

PLEASE PRINT:

1. OWNER: Name [REDACTED]
Mailing Address [REDACTED]
WELL # 2
City YUCAIPA CA. Zip 92399
Phone No. 714-790-1901

2. DATE OF WORK (approximate):
Start 2 MAR 87 Complete 2 APRIL 87

3. WELL DRILLER (Check One):
 Owner Contractor NOT KNOWN
Name _____

4. WELL USE (check):
 Community Industrial
 Individual Test
 Agricultural Other
 Dairy Horizontal

5. TYPE OF WORK (check):
 New Reconstruction Destruction

Items 6 through 10 to be estimated for new wells, and exact for all other wells.
6. ANNULAR SEAL: Depth _____ ft.
Furnished by: Owner Contractor
 Driven Conductor Dia. 10 in., Wall (Gage) _____
 Sealing Material N/A, Thickness N/A in.

7. DEPTH OF WELL (feet):
Proposed _____ Existing 472'
DIAMETER OF BORE (in.): 10'

8. CASING INSTALLED:
 Steel Plastic Other

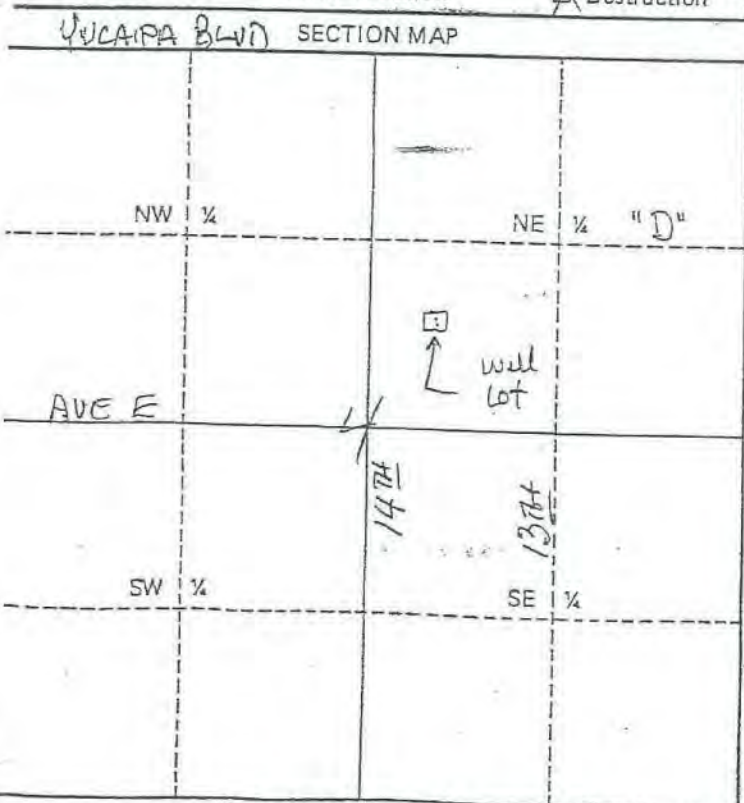
From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	472'	10"	

GRAVEL PACK: Yes No
From N/A to N/A ft.

9. PERFORATIONS (if applicable):
From N/A to N/A ft.

10. SEALED ZONES (if applicable):
From N/A to N/A ft.

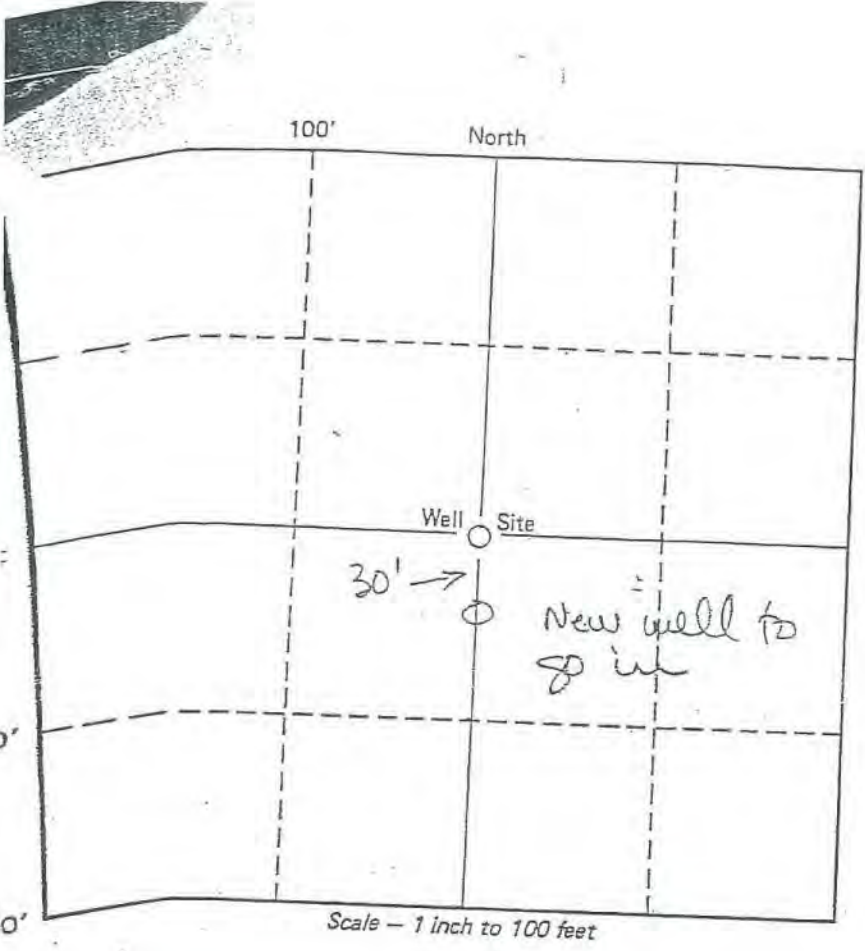
11. GENERAL LOCATION MAP:
(a) Sketch location of well, name(s) and location of road(s) on section map.
(b) Township 25 N/S Range 2W E/W
Section 4
(c) Assessor's Parcel No. 30109103
(d) Solid or liquid waste disposal site within two miles?
 Yes No
Location: _____



Do Not Fill In

Fee Stamp	Date Stamp
Fee Exempt	
Rec'd 3/2/87	

Scale - 1 inch to 1/4 mile



12. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells _____
- Sewers _____
- Septic tanks _____
- Leaching fields _____
- Seepage pits _____
- Cesspools _____
- Lakes and ponds _____
- Water courses _____
- Animals or fowl kept _____

I have read this application and agree to comply with all laws regulating the type of work being performed. The California Labor Code requires Workers' Compensation Insurance as a prerequisite to permit issuance unless the applicant signs the following certificate:

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation laws of California.

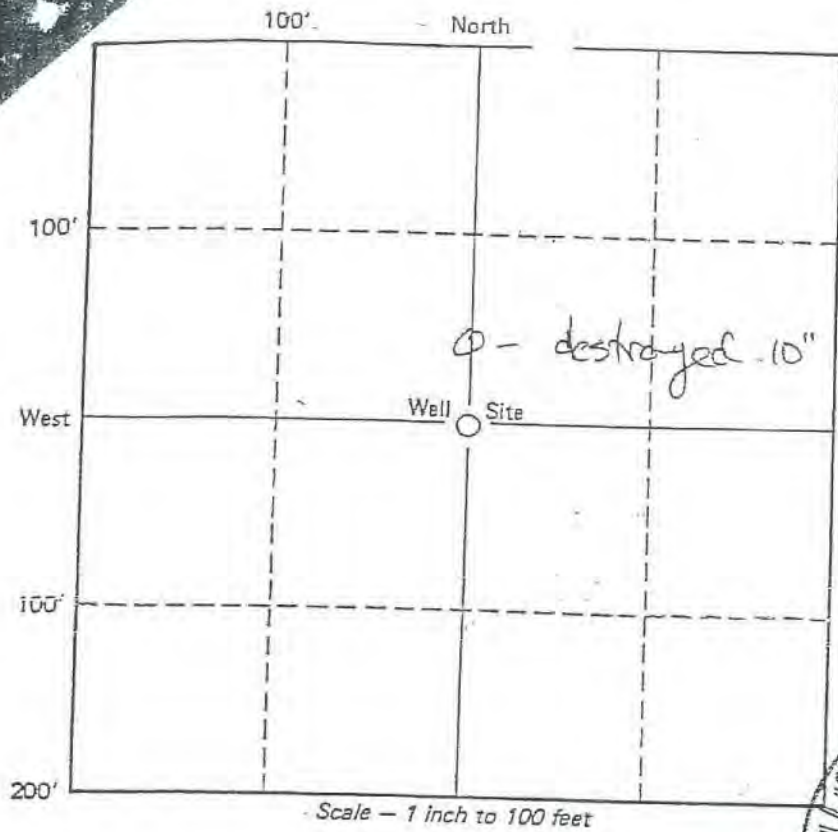
Owner's Signature Stuart Lowg Date 2 MAR 87

Contractor's Signature _____ Date _____ Reg. No. _____

DISPOSITION OF PERMIT
(Do Not Fill In)

- Approved subject to the following:
- A. Notify the Department, STUART LOWG 387-4666, twenty-four (24) hours in advance to make an inspection of the following operations:
- Prior to sealing of the annular space or filling of the conductor casing.
 - Verify the depth of the conductor (outer) casing prior to further drilling and installation of the inner casing.
 - After installation of the surface protective slab and pumping equipment.
 - During destruction of wells, prior to pouring the sealing material.
- B. Submit to the Department within thirty (30) days after completion of work, a copy of:
- Water Well Driller's Report
 - Bacteriological Analysis
 - Inorganic Chemical Analysis
- C. Other _____

DENIED _____

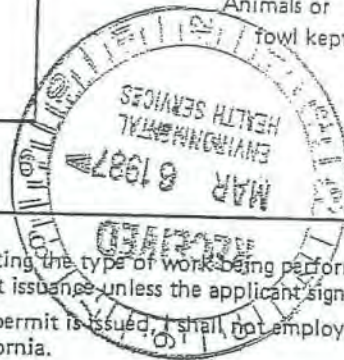


12. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells 50' - Abandoned, Def. Well, ✓
- Sewers _____
- Septic tanks _____
- Leaching fields _____
- Seepage pits _____
- Cesspools _____
- Lakes and ponds _____
- Water courses _____
- Animals or fowl kept _____



13. I have read this application and agree to comply with all laws regulating the type of work being performed. The California Labor Code requires Workers' Compensation Insurance as a prerequisite to permit issuance unless the applicant signs the following certificate:

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation laws of California.

Owner's Signature _____ Date _____

Contractor's Signature Bill Provencher Date 3/3/87 Reg. No. _____

DISPOSITION OF PERMIT
(Do Not Fill In)

Approved subject to the following:
A. Notify the Department, Stuart Loag (714) 387-4666, twenty-four (24) hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- Verify the depth of the conductor (outer) casing prior to further drilling and installation of the inner casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B. Submit to the Department within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacteriological Analysis
- Inorganic Chemical Analysis

C. Other _____

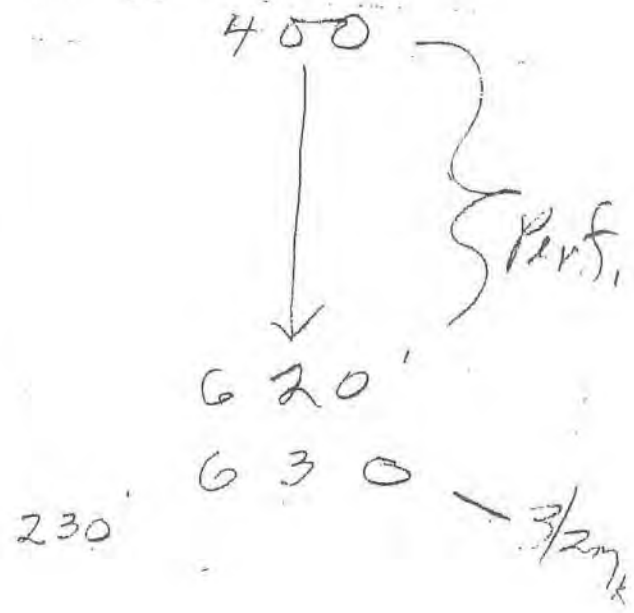
DENIED _____

Thy 1.	32'		
DC	27' 10"	235-245 very rough.	
DC	21' 11"	258-270 rough.	
	71' 9"		
DC	27' 3"	10. 350' 0"	24 630' 1"
	44' 0"	21' 7"	21' 7"
DC	17' 1"	11. 371' 7"	651' 3"
	116' 1"	21' 7"	21' 6"
DC	17' 3"	12. 393' 2"	25 673' 2"
	133' 4"	21' 8"	
D	21' 7"	13. 414' 10"	oil #2
1.	154' 11"	21' 7"	
	21' 8"	14. 436' 5"	static 273
2.	176' 7"	21' 7"	
	21' 7"	15. 458' 0"	
3.	198' 2"	21' 8"	
	21' 7"	16. 479' 8"	
4.	219' 3"	21' 8"	
	21' 7"	17. 501' 4"	
5.	241' 4"	21' 7"	
	22' 5"	18. 522' 11"	
6.	263' 3"	21' 6"	
	21' 7"	19. 544' 5"	
7.	285' 4"	21' 5"	
	21' 6"	20. 565' 10"	
8.	306' 10"	21' 7"	
	21' 7"	21. 586' 5"	
9.	323' 5"	21' 7"	
	21' 7"	22. 608' 0"	
10.	350' 0"	22' 1"	

0-50 conductor
 50-80 coarse sand and fine gravel
 80-109 sand no clays
 109-115 gray clay (loose) & fine gravel
 115-125 brown clay (loose) coarse sand 70% fine gr
 125-132 sticky brown clay & sand
 132-135 sand (coarse) very loose clay
 135-148 sticky brown clay sand & gravel (rough drillin
 148-173 sticky brown clay some sand & fine gravel
 firm spots
 173-175 sand & little clay
 175-180 sand & gravel with clay streaks.
 180-183 sticky brown clay & coarse sand
 183-190 very sticky clay & fine sand & silt some gravel.
 190-192 base clay's fine & coarse sand.
 192-200 very sticky brown clay & sand some small gravel
 200-215 coarse sand & loose clay some gravel.
 215-225 sticky brown clay & sand & gravel.
 225-239 coarse sand & loose clay.
 239-250 sticky clay sand & gravel. (fragmented)
 250-258 coarse sand & loose clay
 258-280 coarse sand & fine gravel little clay.
 280-283 coarse sand & gravel increase in sticky clay.
 283-308 coarse sand & gravel very loose clay.
 308-338 sticky clay & coarse sand
 338-341 very sticky clay some sand & gravel.
 341-346 sticky clay & coarse sand.
 346-353 sand & small fragmented gravel, little clay
 353-370 coarse sand very uniform & clay some gravel.
 370-393 increase in clay very sticky
 393-409 very sticky clay some sand & gravel (40%)

Well # 2A
 25/2W-963

- 45 sticky loose clay sand & gravel
- 445-470 loose clay & coarse sand (80%)
- 470-473 sticky clay sand & gravel
- 473-481 coarse sand & gravel loose clay (~~fine~~)
- 481-485 very tight sticky clay & coarse sand
- 485-494 clay & coarse sand (Jay is loose & sticky)
- 494-545 coarse sand fragmented gravel some clay
- 545-547 coarse sand gravel (fragged) sticky clay
- 547-560 coarse sand gravel little loose clay
a lot of very jagged white quartz
- 560-566 coarse sand gravel little clay very
rough staining very tight
- 566-573 sticky clay coarse sand and fragmented
gravel
- 573-583 loose sticky clay coarse sand & gravel
- 583-588 coarse sand some gravel (fine) loose sticky clay
- 588-590 coarse sand spotty gravels tight sticky clay
- 590-598 coarse uniform sand and loose clay (>8%)
fine fragmented gravels
- 608-648 coarse uniform sand sticky clay little gravel
- 648-673 coarse sand uniform little ~~of~~ clay
very firm.



South Coastal Basin

DIVISION OF WATER RESOURCE
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

NUMBER F-1324-

WELL LOG

LOCAL DESIGNATION OWNPT #6

LOCATION ⁴⁰ 50¹ S. of Ave. D, ST on ^{E OF} 11th St., proj.
S., Lot #40, Dunlap Sub. #2, Yucaipa.

Loc. #18216F

OWNER [REDACTED]

SKETCH

DATE COMPLETED 1930 1927

DIAMETER OF CASING 20"

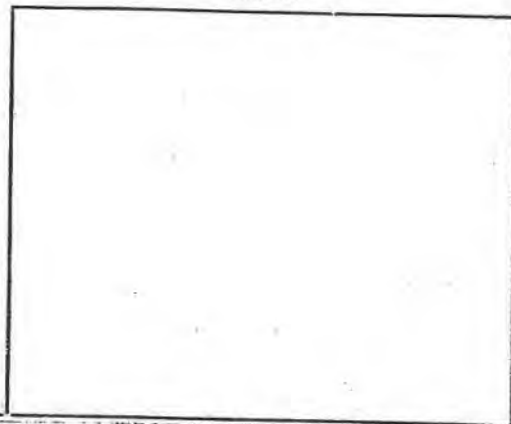
DRILLED BY Clark McEwen

S.B.V.W.C.D.

SOURCE OF INFORMATION Redlands-Yucaipa Land Co.

INSPECTED WHILE DRILLING SEE FILE NO.

SURFACE ELEVATION 2160 D.W.R. map



DEPTH	ELEVATION OF BOTTOM OF STRATUM	MATERIAL	THICKNESS FEET	% VOIDS	ABSOLUTE VOIDS FEET	TOTAL VOIDS FEET
1-122		Dry sand	sc 122			
122-130		Dirty gravel	fg 8			
130-137		Clay	c 7			
137-152		Gravel	g 15			
152-236		Sandy clay	sc 84			
236-240		Dirty gravel	fg 4			
240-252		Fair gravel	fg 12			
252-328		Sandy clay	sc 76			
328-340		Gravel - extra good	g 12			
340-378		Clay and silt	sc 38			
378-388		Gravel	g 10			
388-395		Dirty gravel	fg 7			
395-440		Clay and gravel	cg 45			
440-456		Gravel	g 16			
456-466		Clay	c 10			
466-472		Fair gravel	fg 6			
472-478		Clay	c 6			
478-500		Gravel	g 22			
500-505		Clay	c 5			
505-544		Gravel	g 39			
544-590		Rocks and muddy gravel	rg 46			
590-599		Clay	c 9			
		Perf 135-578				
		Pumps 90" - drawdown 90'				
		PERF. WITH 1/2" KNIFE				
		6 HOLES TO A ROUND				

FOR FIELD COPIES USE ALTERNATE LINES

MICROFILMED

SOUTHERN CALIFORNIA EDISON COMPANY

APRIL 9, 1979

[REDACTED]
YUCAIPA, CA 92399

SUBJECT: HYDRAULIC TEST RESULTS - WELL 6
ACCT: 4-26-31-618-3080
LOTH & AVE "D"
DATE OF TEST: FEBRUARY 28, 1979

IN ACCORDANCE WITH YOUR REQUEST, A TEST WAS MADE ON YOUR TURBINE WELL PUMP ON THE DATE LISTED ABOVE. IF YOU HAVE ANY QUESTIONS REGARDING THE TEST RESULTS WHICH FOLLOW, PLEASE CONTACT L. E. WILSON, 793-2712.

EQUIPMENT

PUMP: L&B NO: 26896
MOTOR: US 125.0 HP NO: 499075
METER: P229-204

TEST RESULTS

DISCHARGE PRESSURE, PSI	53.5
STANDING WATER LEVEL, FT	321.7
DRAWDOWN, FT	23.8
DISCHARGE HEAD, FT	123.6
PUMPING WATER LEVEL, FT	345.5
TOTAL HEAD, FT	469.1
CAPACITY, GPM	557.0
GPM PER FT DRAWDOWN	23.4
ACRE FT PUMPED IN 24 HRS	2.466
KW INPUT TO MOTOR	106.3
HP INPUT TO MOTOR	142.5
MOTOR LOAD(%)	103.8
MEASURED SPEED OF PUMP, RPM	1775.0
KWH PER ACRE FT	1035.0
OVERALL PLANT EFFICIENCY(%)	46.4
CUSTOMER'S METER, GPM	553

W. S. FRANKEN
DISTRICT MANAGER

8

STATE OF CALIFORNIA

(1) OWNER:

Name [Redacted]
Address [Redacted]
Yucaipa, California

(2) LOCATION OF WELL:

County San Bernardino Owner's number, if any— 10
R. F. D. or Street No. Ave. E near the corner of
17th St.

(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 <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/>		Diam. ^{type or} _{Wall}	Diameter of Bore	from ft.	to ft.
From	ft. to				
0	690	16	5/16		
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"

Type and size of shoe or well ring 16" x 14" x 1/2" of gravel:
Describe joint All joints butt welded

(7) PERFORATIONS:

Type of perforator used		Size of perforations		in. length, by		Perf. per row	Rows per ft.
From	ft. to	ft.	ft.	in.	in.		
				3/8	2		
330	670	7				1 row per	ft.
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"

(8) CONSTRUCTION:

By Owners 50
Was a surface sanitary seal provided? Yes No To what depth
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	169	ft.
Standing level before perforating	169	ft.
Standing level after perforating	169	ft.

(10) WELL TESTS:

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

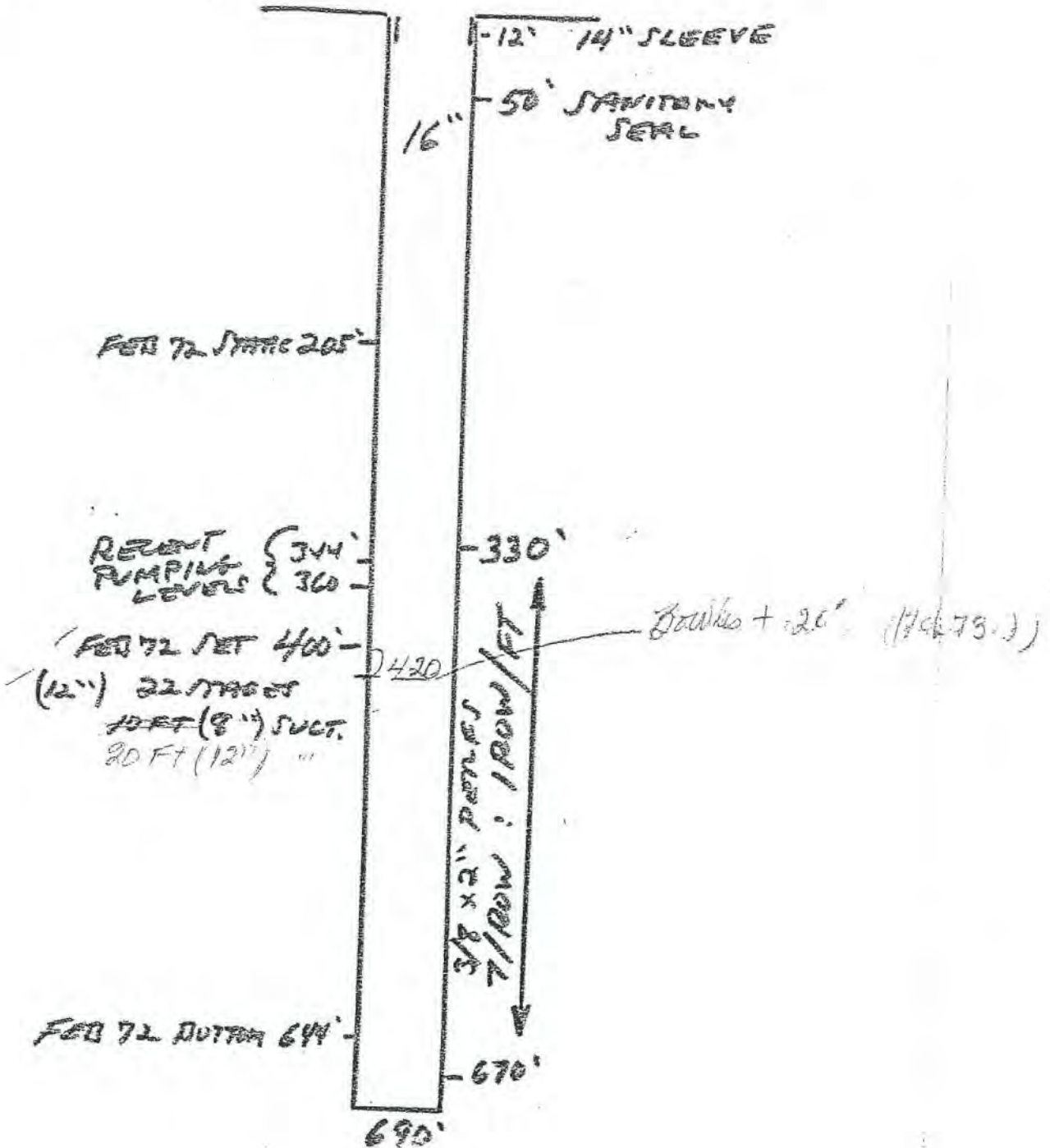
Total depth	690	ft.	Depth of completed well	690	ft.
Formation: Describe by color, character, size of material, and structure.					
0	4	ft. to	4	ft.	Black adobe
4	7	"	7	"	White caleche
7	55	"	55	"	Brown clay
55	133	"	133	"	Brown sandy clay and gravel
133	151	"	151	"	Sand and gravel
151	165	"	165	"	Brown sandy clay
165	175	"	175	"	Gravel
175	242	"	242	"	Brown sandy clay with gravel streaks
242	248	"	248	"	Brown sandy clay
248	282	"	282	"	Brown clay with gravel streaks
282	330	"	330	"	Clay and embedded gravel
330	335	"	335	"	Loose sand and gravel
335	360	"	360	"	50% cemented gravel & 50% loose gravel with clay streaks
360	548	"	548	"	Clean coarse sand and gravel with streaks of cemented gravel
548	570	"	570	"	Brown clay with large gravel embedded
570	600	"	600	"	Brown gravel- clay-and conglomerate
600	618	"	618	"	Loose coarse sand-gravel and boulders
618	622	"	622	"	Tight clay-gravel and boulders
622	667	"	667	"	Clean coarse sand-gravel and boulders
667	690	"	690	"	Brown tight clay-gravel and boulders

Work started Jan. 16 19 64 Completed Mar. 31 19 64

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 KIRKLAND WELL SERVICE
(Person, firm, or corporation) (Typed or printed)
Address 32291 Dunlap Blvd.
Yucaipa, California
[SIGNED] K. Kirkland Well Driller
License No. 168847 Dated April 5, 19 64
2102 7-85 800 QUIN Δ SPO
RWD 100 (REV. 4-21)

#10 Well

This is Harold's Note.
 Can't find bill that
 it was done
 Service



TRIPPLICATE
Owner's Copy

Page 1 of 1

Owner's Well No. 11

Date Work Began 4/23/97

Ended 7/3/97

No. 469733

Local Permit Agency san bernardino environmental health

Permit No. 04219701

Permit Date 4/21/97

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

ORIENTATION (∠) VERTICAL _____ HORIZONTAL _____ ANGLE _____ (SPECIFY)

DEPTH TO FIRST WATER 347 (Ft.) BELOW SURFACE

DEPTH FROM SURFACE		DESCRIPTION
Ft.	to Ft.	
0	50	SAND & CLAY
50	180	course sand & clay
180	210	COARSE SAND & CLAY
210	350	CLAY
350	940	COARSE GRAVEL, SAND & SOME CLAY
940	960	SAND, GRAVEL & SMALL ROCKS
960	1720	CLAY

Describe material, grain size, color, etc.

WELL OWNER

Name [REDACTED]

Mailing Address [REDACTED]

CITY YUCAIPA STATE CA ZIP 92399

WELL LOCATION

Address YUCAIPA

City SAN BERNARDINO

County SAN BERNARDINO

APN Book 25 Page 2W Parcel 4

Township Range Section

Latitude Longitude

DEG. MIN. SEC. NORTH Longitude DEG. MIN. SEC. WEST

RECEIVED
DEC - 3 1997



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 REVERSE ROTARY FLUID WATER

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STAT 347 (Ft.) & DATE MEASURED 6/18/97

WATER LEVEL 2000 (Ft.) & TEST TYPE PUMP

ESTIMATED YIELD 51 (GPM) & TEST TYPE PUMP

TEST LENGTH 51 (Hrs.) TOTAL DRAWDOWN 76 (Ft.)

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

TOTAL DEPTH OF BORING 1720 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1710 (Feet)

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)							
		TYPE (∠)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
		BLANK	SCREEN	CON-DUCTOR	FILL PIPE				
0	50			X		STEEL	30	3/8	
0	705	X				STEEL	16	5/16	
705	1205		X			STEEL	16	5/16	.090
1205	1210		X			STEEL	16x12	5/16	
1210	1690		X			STEEL	12	5/16	.090
1690	1710		X			STEEL	12	5/16	

DEPTH FROM SURFACE	ANNULAR MATERIAL			
	TYPE			
	CE-MENT (∠)	BEN-TONITE (∠)	FILL (∠)	FILTER PACK (TYPE/SIZE)
0	300	X		
300	1710			4x10

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.

LAYNE CHRISTENSEN COMPANY

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

11001 ETIWANDA AVE. FONTANA CA 92337

ADDRESS CITY STATE ZIP

Signed [Signature] DATE SIGNED 11-26-97 510011 C-57 LICENSE NUMBER

WELL DRILLER/AUTHORIZED REPRESENTATIVE

TRIPPLICATE
Owner's Copy
Page 1 of 1

Owner's Well No. 11

Date Work Began 4/23/97 Ended 7/3/97

Local Permit Agency san bernardino environmental health
Permit No. 04219701 Permit Date 4/21/97

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 469733

DWR USE ONLY - DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

25/2W - 469

GEOLOGIC LOG

ORIENTATION () VERTICAL HORIZONTAL ANGLE (SPECIFY)

DEPTH TO FIRST WATER 347 (Ft.) BELOW SURFACE

DEPTH FROM SURFACE	DESCRIPTION
Ft. to Ft.	Describe material, grain size, color, etc.
0 to 50	SAND & CLAY
50 to 180	course sand & clay
180 to 210	COARSE SAND & CLAY
210 to 350	CLAY
350 to 940	COARSE GRAVEL, SAND & SOME CLAY
940 to 960	SAND, GRAVEL & SMALL ROCKS
960 to 1720	CLAY

WELL OWNER

Name [REDACTED]

Mailing Address [REDACTED]

City YUCAIPA CA 92399

Address [REDACTED]

City YUCAIPA

County SAN BERNARDINO

APN Book Page Parcel

Township 25 Range 2W Section 4

Latitude Longitude

DEPTH FROM SURFACE

Ft. to Ft.

DESCRIPTION

Describe material, grain size, color, etc.

LOCATION SKETCH

WEST EAST

16TH

14TH

WELL PARCEL 280' X 78'

AVE ET

(ARIZONA)

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 Material Under "GEOLOGIC LOG")

PLANNED USE(S)

()

MONITORING

WATER SUPPLY

Domestic

Public

Irrigation

Industrial

"TEST WELL"

CATHODIC PROTECTION

OTHER (Specify)

RECEIVED
DEC - 3 1997

TOTAL DEPTH OF BORING 1720 (Feet)

TOTAL DEPTH OF COMPLETED WELL 1710 (Feet)

DRILLING METHOD REVERSE ROTARK FLUID WATER

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STAT WATER LEVEL 347 (Ft.) & DATE MEASURED 6/18/97

ESTIMATED YIELD 2000 (GPM) & TEST TYPE PUMP

TEST LENGTH 51 (Hrs.) TOTAL DRAWDOWN 76 (Ft.)

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

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)						DEPTH FROM SURFACE	ANNULAR MATERIAL					
		TYPE ()				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)		GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE			
Ft. to Ft.		BLANK	SCREEN	CON. DUCTOR	FILL PIPE									Ft. to Ft.
0 to 50	36		X			STEEL	30	3/8		0 to 300	X			
0 to 705	26	X				STEEL	16	5/16		300 to 1710				4x10
705 to 1205	26		X			STEEL	16	5/16	.090					
1205 to 1210	24	X				STEEL	16x12	5/16						
1210 to 1690	24		X			STEEL	12	5/16	.090					
1690 to 1710	24	X				STEEL	12	5/16						

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.

LAYNE CHRISTENSEN COMPANY

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

11001 ETIWANDA AVE. FONTANA CA 92337

ADDRESS CITY STATE ZIP

Signed [Signature] DATE SIGNED 11-26-97 510011

WELL DRILLER/AUTHORIZED REPRESENTATIVE C-57 LICENSE NUMBER

DUPLICATE
Driller's Copy

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

OWNER USE ONLY - DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/ITER/OTHER

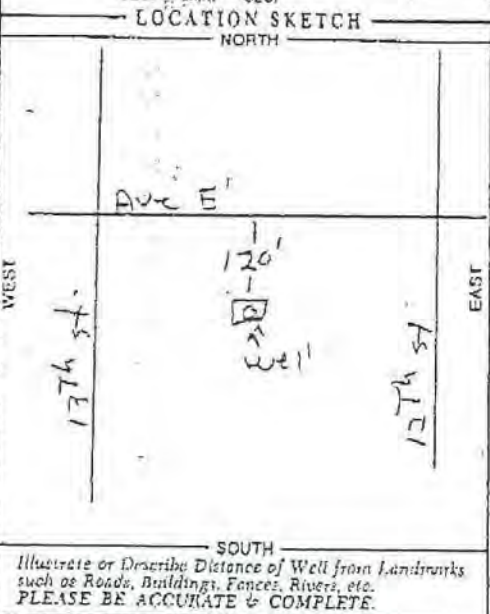
Page 1 of 2
 Owner's Well No. 12 No. **537229**
 Date Work Began 9/25/98 Ended 11/23/98
 Local Permit Agency San Bernardino County dept. of Health
 Permit No. 1998080117 Permit Date _____

GEOLOGIC LOG

WELL OWNER

DEPTH FROM SURFACE		DESCRIPTION
Fl.	to Fl.	
0	40	Top Soil, sand & gravel
40	60	sand & gravel
60	110	sand & gravel w/clay
110	130	Black & brown sand w/gravel & clay
130	140	sand
140	160	sand & gravel
160	170	sand & clay
170	200	sand, gravel & clay
200	230	fine sand & clay
230	240	fine sand, clay & little gravel
240	280	fine sand & little gravel
280	330	sand, gravel, little clay
330	360	Black sand & little gravel
360	400	consolidated sand
400	440	sand & gravel
440	450	sand
450	470	cemented sand
470	530	sand & some gravel
530	540	sand
540	570	consolidated sand
570	610	sand, gravel & clay
610	650	sand & gravel
650	680	sand & gravel
680	750	sand & gravel
750	770	sand
770	800	sand & gravel
800	810	consolidated sand
810	830	cemented sand w/ rock
830	850	sand & gravel
850	860	sand, gravel & clay
TOTAL DEPTH OF BORING <u>1120</u> (Feet)		
TOTAL DEPTH OF COMPLETED WELL <u>1100</u> (Feet)		

Name _____
 Mailing Address _____
 City Yucaipa Ca. 92390 STATE ZIP
 Address XXXXXX
 City Yucaipa
 County San Bernardino
 APN Book 31 Page 71 Parcel 301-112-07
 Township 2S Range 2W Section 4
 Latitude _____ Longitude _____



ACTIVITY (✓)
 NEW WELL
 MODIFICATION/REPAIR
 _____ Deepen
 _____ Other (Specify)
 DESTROY (Describe Procedure and Meter Under "GEOLOGIC LOG")
PLANNED USE (✓)
 _____ MONITORING
 WATER SUPPLY
 _____ Domestic
 Public
 _____ Irrigation
 _____ Industrial
 _____ "TEST WELL"
 _____ CATHODIC PROTECTION
 _____ OTHER (Specify)

DRILLING METHOD Reverse FLUID water
 WATER LEVEL & YIELD OF COMPLETED WELL
 DEPTH OF STATIC WATER LEVEL 321 (Fl.) & DATE MEASURED 10/8/98
 ESTIMATED YIELD* 2500 (GPM) & TEST TYPE pump
 TEST LENGTH 59 (Hrs.) TOTAL DRAWDOWN 60 (Fl.)
 * May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)								
		TYPE (✓)				MATERIAL/ GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	
Fl.	to Fl.	BLVD.	SPELLEN	CSK.	DRICOR					FILL PIPE
0	35	36	X	X			A53CB	30	3/8	
35	390	26	X				A53CB	16	5/16	
390	430	26		X			A53CB	16	5/16	std. fl. 0.50
430	470	26		X			A53CB	16	5/16	full fl. 0.50
470	620	26		X			A53CB	16	5/16	std. fl. 0.50
620	740	26		X			A53CB	16	5/16	full fl. 0.50

DEPTH FROM SURFACE	ANNULAR MATERIAL				
	TYPE				
Fl.	to Fl.	CE-MENT (✓)	BEN-TONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	35	X			
0	300	X			
301	1100				6x14kel-p

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 Layne Christensen Company
 (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
11001 Etiwanda Ave., Fontana, Ca. 92337
 ADDRESS CITY STATE ZIP

Signature Rolando A. ...
 WELL DRILLER/AUTHORIZED REPRESENTATIVE

DATE SIGNED 11-20-98 510011
 (C.S.) LICENSE NUMBER

18956

DUPLICATE Drifter's Copy

STATE OF CALIFORNIA WELL COMPLETION REPORT

Page 2 of 2
Owner's Well No. 12
Date Work Began 8/25/98, Ended 11/23/98
Local Permit Agency San Bernardino County Dept. of Health
Permit No. 1998080117 Permit Date

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

GEOLOGIC LOG ORIENTATION (Z) X VERTICAL HORIZONTAL ANGLE (SPECIFY)

Table with columns: DEPTH FROM SURFACE (Fl. to Ft.), DESCRIPTION, and well log entries from 860 to 1120 feet.

WELL OWNER Name, Mailing Address, City Yucaipa, State 92337, Address, City, County San Bernardino, APN Book 31 Page 71 Parcel 301 112 07, Township 25 Range 2W Section 4, Latitude, Longitude

LOCATION SKETCH NORTH, SOUTH, WEST, EAST. Includes a diagram of the well location relative to Ave F, 13th St, and 12th St. Activity (Z) includes NEW WELL, MODIFICATION/REPAIR, DESTROY, PLANNED USE, WATER SUPPLY.

DRILLING METHOD Reverse, FLUID water, WATER LEVEL & YIELD OF COMPLETED WELL, DEPTH OF STATIC WATER LEVEL 321 (Ft.) & DATE MEASURED 10/8/98, ESTIMATED YIELD 2500 (GPM) & TEST TYPE pump, TEST LENGTH 59 (Hrs.) TOTAL DRAWDOWN 50 (Ft.)

TOTAL DEPTH OF BORING 1120 (Feet)
TOTAL DEPTH OF COMPLETED WELL 1100 (Feet)

Table with columns: DEPTH FROM SURFACE, BORE-HOLE DIA, CASING(S) TYPE, MATERIAL/GRADE, INTERNAL DIAMETER, GAUGE OR WALL THICKNESS, SLOT SIZE, DEPTH FROM SURFACE, ANNULAR MATERIAL TYPE.

- ATTACHMENTS (Z)
- Geologic Log
- Well Construction Diagram
- Geophysical Log(s)
- Soil/Water Chemical Analyses
- Other

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
ADDRESS 11001 Etiwanda Ave, Fontana, Ca 92337
Signed [Signature]

San Bernardino County Department of Public Health
DIVISION OF ENVIRONMENTAL HEALTH SERVICES
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160

387-4646
4666
Sec 1204
M.K. Ford

DO NOT FILL IN

Permit Number 1998080117
 Expiration 8-25-99
 FF _____
 FA _____
 SN _____

WELL PERMIT
(Please Print)
RECEIVED
AUG 2 3 1999

DO NOT FILL IN

Date 8-25-98
 Amount \$ 370.00
 Receipt Number 14039
 Paid By Layne Christensen Co.
 Check # 2712109

#12

1. OWNER: Name _____
 Mailing Address _____
 City Yucaipa, ca: 92399 Zip 92399
 Site Address _____
 City Yucaipa Zip 92399
 Telephone Number (909) 790-1901

Items 6 through 10 to be estimated for new wells, exact for all other wells

5. ANNULAR SEAL: Seal Depth 300'
 Furnished by: Owner Contractor
 Conductor Dia. 30' X 35' in., Wall (Gage) 5'
 Sealing Material Concrete, Thickness 5"

6. DEPTH OF WELL (feet):
 Proposed 1100' Existing _____
 DIAMETER OF BORE (in.): 26"

2. WELL DRILLER: Layne Christensen Co.
 Business Name
Sept 1998 Start Date Completion Date

7. CASING INSTALLED:
 Steel Plastic Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>1100</u>	<u>16</u>	<u>5/8</u>

3. WELL USE (check):
 Community Horizontal Test
 Individual Monitoring Dairy
 Agricultural Public Water Supply Other

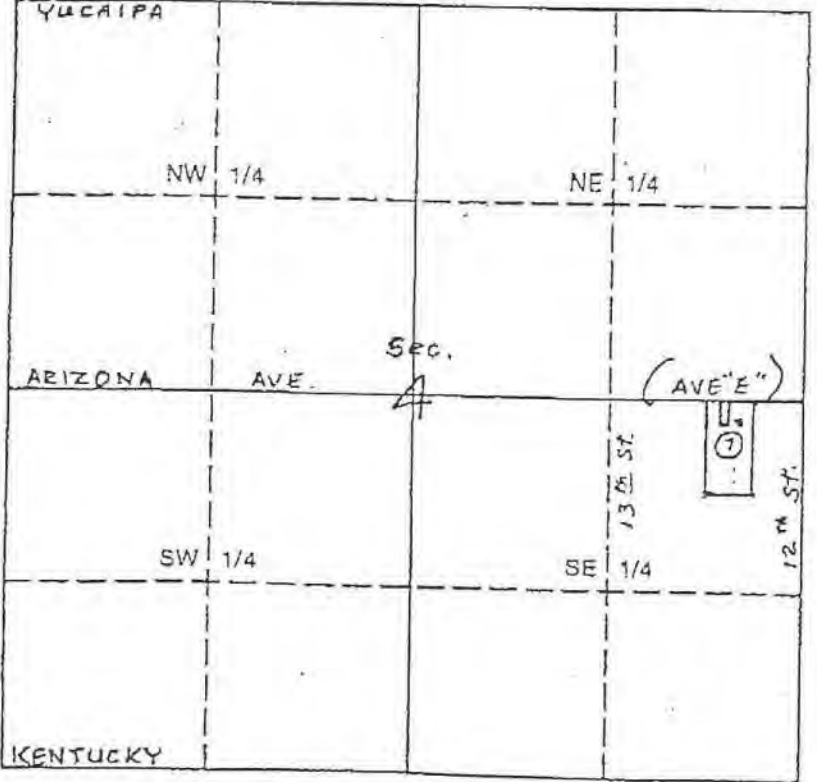
Gravel Pack: Yes No
 From 300' to 1100' ft.

4. TYPE OF WORK (check):
 New Reconstruction Destruction

8. PERFORATIONS (if applicable):
 From 390' to 1090' ft. 40' LEN

9. SEALED ZONES (if applicable):
 From 0 to 300' ft.

SECTION MAP - DO NOT FILL IN Scale: 1 inch = 1/4 mile



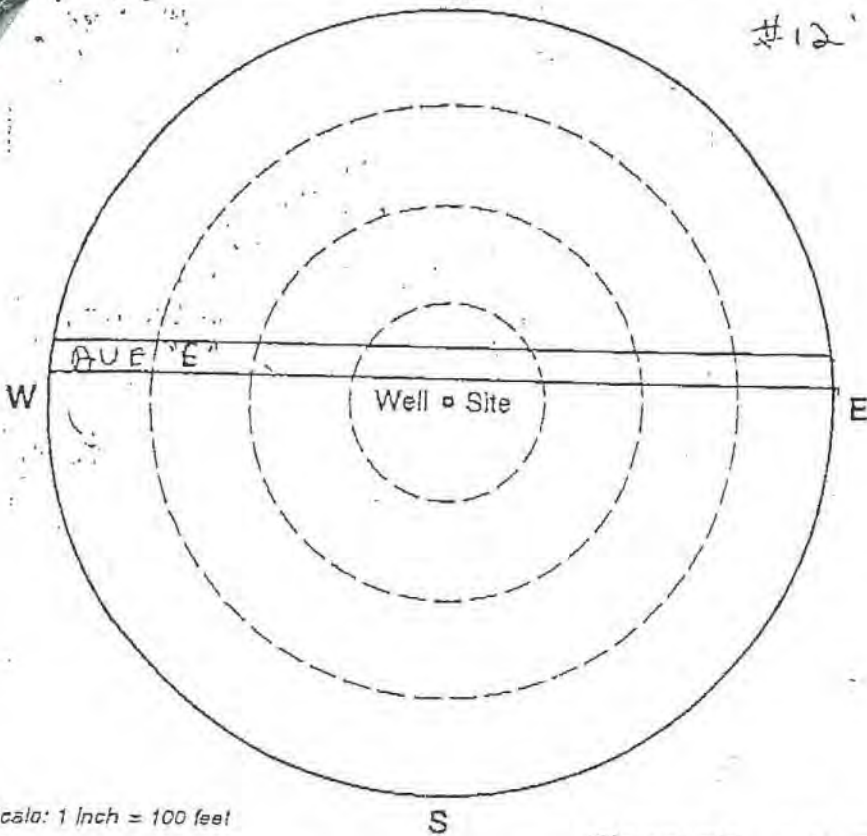
10. LOCATION INFORMATION: 30-E6
 (a) Township: 649-D4
 Tier 25 N/S Range 2W EW Section 4
 (b) Assessor's Parcel No. 301-112-07
 (c) Latitude and Longitude
Back 31 Page 7
 Lat: _____ " N/S
 Long: _____ " E/W
 (d) Solid or Liquid Disposal Site within Two Miles
 Yes No
 Location _____

DO NOT FILL IN

Seal _____
 Cap _____
 Check Valve _____
 Electricals _____
 Slab _____
 Tag _____
 Building & Safety Notified _____

11. PLOT PLAN: 1998080117

#12



(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 200 ft. of the well site:

- Other _____
- Sewers _____
- Septic tanks _____
- Leaching fields _____
- Seepage pits _____
- Cesspools _____
- Lakes and ponds _____
- Watercourses _____
- Animals or fowl kept _____

(c) None of the above are within 200 feet of the well site

Scale: 1 Inch = 100 feet

PRESITE OK BY M. FARRELL 8.25.98

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature Robert A. Everts Date 8-21-98
 County Registration No. 84 California License No. 510011

DISPOSITION OF PERMIT

(For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Denied _____

Approved subject to the following:

A. Notify the Department, Safe Drinking Water Section (909) 387-4666, twenty-four (24) hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B. Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Radiological Analysis
- Bacterial Analysis
- General Mineral
- Inorganic Chemical Analysis
- Organic Chemical Analysis
- General Physical

Comments _____

25/2w-4L

WTHC Well 14

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. e054636

DWR Use Only - Do Not Fill In

State Well Number/Site Number

Latitude Longitude

APN/TRS/Other

Page 1 of 1

Owner's Well Number 14

Date Work Began 11/27/2006 Date Work Ended 1/29/2007

Local Permit Agency San Bernardino Department of Environmental Health

Permit Number 2006111150 Permit Date 11/29/06

Geologic Log		
Orientation <input checked="" type="radio"/> Vertical <input type="radio"/> Horizontal <input type="radio"/> Angle Specify _____		
Drilling Method <u>Reverse Circulation Rotary</u> Drilling Fluid <u>Bentonite mud</u>		
Depth from Surface Feet to Feet	Description Describe material, grain size, color, etc	
0	40	Top soil, sand & gravel.
40	70	Sand and gravel.
70	130	Sand, gravel and some clay.
130	150	Sand and clay.
150	195	Sand, clay and gravel.
195	230	Fine sand and clay.
230	275	Fine sand, clay and gravel.
275	309	Fine sand, and gravel.
309	340	Black sand and gravel.
340	390	Consolidated sand.
390	425	Sand and gravel.
425	450	Sand, gravel and some clay.
450	480	Sand.
480	515	Cemented sand.
515	540	Sand and gravel.
540	575	Sand, gravel and clay.
575	605	Consolidated sand.
605	640	Sand and gravel.
640	685	Sand, gravel and some clay.
685	715	Sand and gravel.
715	760	Sand.
760	795	Sand and gravel.
795	813	Consolidated sand.
813	845	Sand and gravel.
845	881	Cemented sand and rock.
881	910	Coarse sand, gravel, and clay.
910	964	Coarse sand, rocks.
964	1,030	Gravel, coarse sand.
1030	1,090	Gravel, sand, rocks.
1090	1,120	Granite, mostly crushed.
Total Depth of Boring <u>1120</u> Feet		
Total Depth of Completed Well <u>1100</u> Feet		

Well Owner

Name _____

Mailing Address _____

City Yucaipa State CA Zip 92399

Well Location

Address 32419 Avenue E

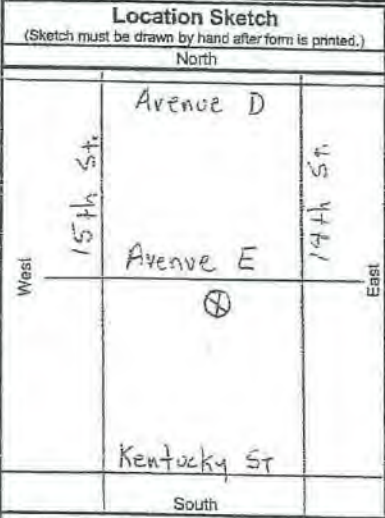
City Yucaipa County San Bernardino

Latitude _____ N Longitude _____ W

Datum _____ Decimal Lat. _____ Decimal Long. _____

APN Book 0301 Page 132 Parcel 85

Township 2 S Range 2 W Section 4



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 320 (Feet below surface)

Depth to Static _____

Water Level 320 (Feet) Date Measured 01/29/2007

Estimated Yield * 1,506 (GPM) Test Type Constant Rate

Test Length 16.0 (Hours) Total Drawdown 66 (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	Low Carbon Steel	.3125	30	
0	410	26	Blank	Low Carbon Steel	.3125	16	
410	1,090	26	Screen	Low Carbon Steel	.3125	16	Louver 0.050
1,090	1,100	26	Blank	Low Carbon Steel	.3125	16	

Annular Material			
Depth from Surface Feet to Feet	Fill	Description	
0	50	Cement	10.5 sack
0	300	Cement	10.5 sack
300	1,100	Filter Pack	Tacna 8x20

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 Layne Christensen Company

Person, Firm or Corporation

11001 Etiwanda Avenue Fontana CA 92397

Address City State Zip

Signed [Signature] 5-8-2007 510011

C-57 Licensed Water Well Contractor Date Signed C-57 License Number

23111

WELL No. 14

San Bernardino County Department of Public Health
 DIVISION OF ENVIRONMENTAL HEALTH SERVICES
 385 North Arrowhead Avenue - 2nd Floor, San Bernardino, CA 92415-0160

WP 3371
 SR 15216

DO NOT FILL IN
 Permit Number 200611150
 Expiration 05-29-07
 SN _____

K Needs President
 WELL PERMIT
 (Please Print)
 Pres. *Dr. K. Christensen*
 Owner's Well No. 14

DO NOT FILL IN
 Date 11-29-06
 Amount \$ 493.00
 Receipt Number 59738
 Paid by LAYNE CHRISTENSEN

1. OWNER: Name _____
 Mailing Address _____
 City Yucaipa Zip 92399
 Site Address 32419 Ave E
 City Yucaipa Zip 92399
 Telephone Number (909) 790-1901

Items 6 through 9 to be estimated for new wells, exact for all other wells
 5. ANNUAL SEAL: Seal Depth 50 ft.
 Furnished by: Owner Contractor
 Driven Conductor Dia. 30 in., Wall (Gage) .375
 Sealing Material 10.5 sack, Thickness 6 in.

6. DEPTH OF WELL (feet):
 Proposed 1100 Existing _____
 DIAMETER OF BORE (in.): 26

2. WELL DRILLER: Layne Christensen Company
 Business Name
11-27-2006 2-27-2006
 Start Date Completion Date

7. CASING INSTALLED:
 Steel Plastic Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>400</u>	<u>16</u>	<u>.312</u>

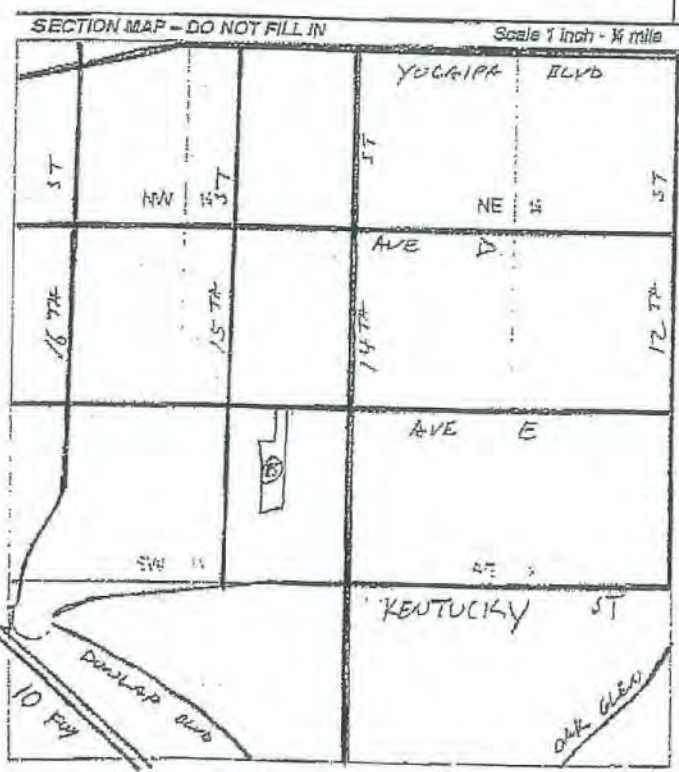
3. WELL USE (check):
 Agricultural Horizontal Test
 Cathodic Monitoring/Observation Dairy
 Ind/Domestic Community/PWS/City Other

Gravel Pack Yes No
 From 300 to 1100 ft.

4. TYPE OF WORK (check):
 New Reconstruction Destruction

8. PERFORATIONS (if applicable):
 From 400 to 1100 ft.

9. SEALED ZONES (if applicable):
 From _____ to _____ ft.



10. LOCATION INFORMATION
 (a) Assessor's Parcel No. 0301132850000
 (b) Consulting Firm & Project Number: _____
 (c) Latitude and Longitude (if known)
 Lat: _____ ° _____ ' _____ " NS
 Long: _____ ° _____ ' _____ " EW
 (d) Township:
 Tier 2 NS Range 2 EW Section 4
 Map Info 76# 649 04

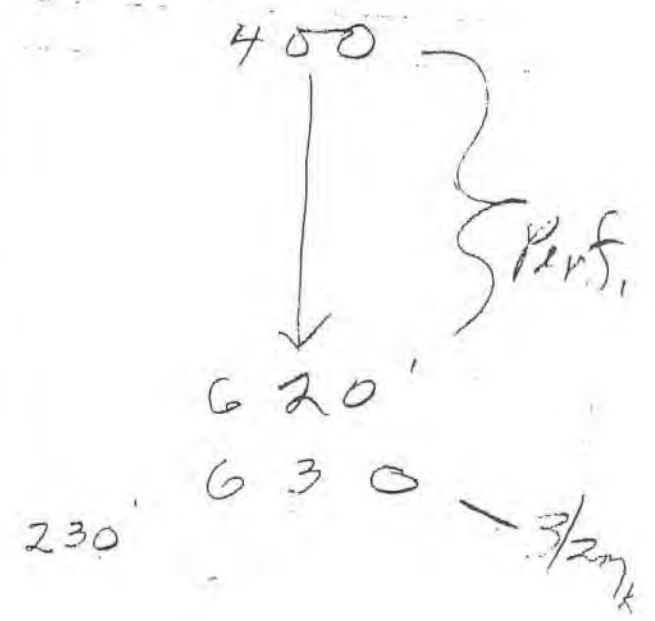
DO NOT FILL IN
 Seal _____
 Cap _____
 Check Valve _____
 Electricals _____
 Slab _____
 Tag _____
 Building & Safety Notified _____

235-245	very rough
258-270	rough
22'	
RC 27' 10"	
RC 21' 11"	
71' 9"	
RC 27' 3"	10. 350' 0"
44' 0"	21' 7"
RC 17' 1"	11. 371' 7"
116' 1"	21' 7"
RC 17' 3"	12. 393' 2"
133' 4"	21' 8"
21' 7"	13. 414' 10"
1. 154' 11"	21' 7"
21' 8"	14. 436' 5"
2. 176' 7"	21' 7"
21' 7"	15. 458' 0"
3. 198' 2"	21' 8"
21' 7"	16. 479' 8"
4. 219' 3"	21' 8"
21' 7"	17. 501' 4"
5. 241' 4"	21' 7"
22' 5"	18. 522' 11"
6. 263' 3"	21' 6"
21' 7"	19. 544' 5"
7. 285' 4"	21' 5"
21' 6"	20. 565' 10"
8. 306' 10"	21' 7"
21' 7"	21. 586' 5"
9. 328' 5"	21' 7"
21' 7"	22. 608' 0"
10. 350' 0"	22' 1"

24 630' 1"
21' 7"
651' 3"
21' 6"
25 673' 2"
oil #2
static 273

0-50 conductor
50-80 coarse sand and fine gravel
80-109 sand no clays
109-115 gray clay (loose) & fine gravel
115-125 brown clay (loose) coarse sand 70% fine grav
125-132 sticky brown clay & sand
132-135 sand (coarse) very loose clay
135-148 sticky brown clay sand & gravel (rough drilled)
148-173 sticky brown clay some sand & fine gravel
firm spots
173-175 sand & little clay
175-180 sand & gravel with clay streaks
180-183 sticky brown clay & coarse sand
183-190 very sticky clay & fine sand & some gravel
190-192 base clays fine & coarse sand
192-200 very sticky brown clay & sand some small gravel
200-215 coarse sand & loose clay some gravel
215-225 sticky brown clay & sand & gravel
225-239 coarse sand & loose clay
239-250 sticky clay sand & gravel (fragmented)
250-258 coarse sand & loose clay
258-280 coarse sand & fine gravel little clay
280-283 coarse sand & gravel increase in sticky clay
283-308 coarse sand & gravel very loose clay
308-338 sticky clay & coarse sand
338-341 very sticky clay some sand & gravel
341-346 sticky clay & coarse sand
346-353 sand & small fragmented gravel little clay
353-370 coarse sand very uniform & clay some gravel
370-393 increase in clay very sticky
393-400 very sticky clay some sand & gravel (40%)

- 45 sticky loose clay sand & gravel
- 445-470 loose clay & coarse sand (80%)
- 470-473 sticky clay sand & gravel
- 473-481 loose sand & gravel loose clay (~~fine~~)
- 481-485 very tight sticky clay & coarse sand
- 485-494 clay & coarse sand (fine is loose & sticky)
- 494-545 coarse sand fragmented gravel some clay
- 545-547 coarse sand gravel (flagged) sticky clay
- 547-560 coarse sand gravel little loose clay
a lot of very flagged white quartz
- 560-566 coarse sand gravel little clay very
rough drilling very tight
- 566-573 sticky clay coarse sand and fragmented
gravel
- 573-583 loose sticky clay some sand & gravel
- 583-588 coarse sand some gravel (fine) loose sticky clay
- 588-590 coarse sand spotty gravels tight sticky clay
- 590-598 coarse uniform sand and loose clay (>6%)
fine fragmented gravels
- 608-648 coarse uniform sand sticky clay little gravel
- 648-673 coarse sand uniform little or no clay
very firm.



TLX: 62933889
TWX: 510-601-5891

Water Well Redevelopers, Inc.

(714) 996-1462
(714) 779-2425

1365-B DYNAMICS STREET
ANAHEIM, CALIFORNIA 92806

VIDEOLOG FIELD REPORT

OWNER [REDACTED] WELL LOCATION 1/2 mile West of Oak Glen Rd.,
[REDACTED] on Davies Ranch Rd.,
Los Angeles, Ca. 90004 San Bernardino, Ca.

WELL NO. 6 TECHNICIAN BC UNIT NO. 1 DATE 4-1-88

WELL HISTORY

Casing: 6" - - 0' to 142'+ Perforations: 25' to 142'+

(Per VIDEOLOG)

Drilled 1979 By Jack Jones Type C-Tool Perf. Type Drilled Holes

Pump: Type DWT Column 4" x 130' Bowls 4" x 8' Depth of Intake 138'

Remarks _____

VIDEOLOG INFORMATION

SWL 56' TWD 142' Water Visibility GOOD Date 4-1-88

Camera COLOR Tape Format VHS Speed SP Make TDK

Videolog X Revideo _____ Reruns _____ PC Log to Dickinson Tape to Dickinson
Hackers Pump

REMARKS

No camera centering device was used during survey, due to (minimum size) 6" casing diameter. No drag was noted while descending.

8" steel casing is visible from 0' to 5', where a straight reduction to 6" PVC casing exists.

The highly reflective white PVC produces glare and requires viewing from behind the saturated ring of light in front of the camera.

Possible roots entering through perforations at 85'.

Organic material can be seen entering through perforations, when disturbed by the camera, see 74', 86' and 100' to 200'. (Also note excessive material being drawn into well bore while camera more rapidly ascends).

Dark stains can be seen on casing adjacent to where bowls setting 130' to 135'.

The casing appears clean and drilled perforations open throughout the survey (i.e., 5' to 141

Casing, reduction, joints and perforations all appear clean and in normal condition.

The entrance of organics along with specific capacity loss would indicate a coagulation of the surrounding formation.

Originators of **SONAR-JET**[®]
"WELL CLEANING WITH SOUND"



Downhole Inspection
"TELEVISION AND STEREO"

well #2

YVWD

#2

DUPLICATE
Retain this copy

WATER WELL DRILLERS REPORT

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

Do Not Fill In

No 32912

THE RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF WATER RESOURCES

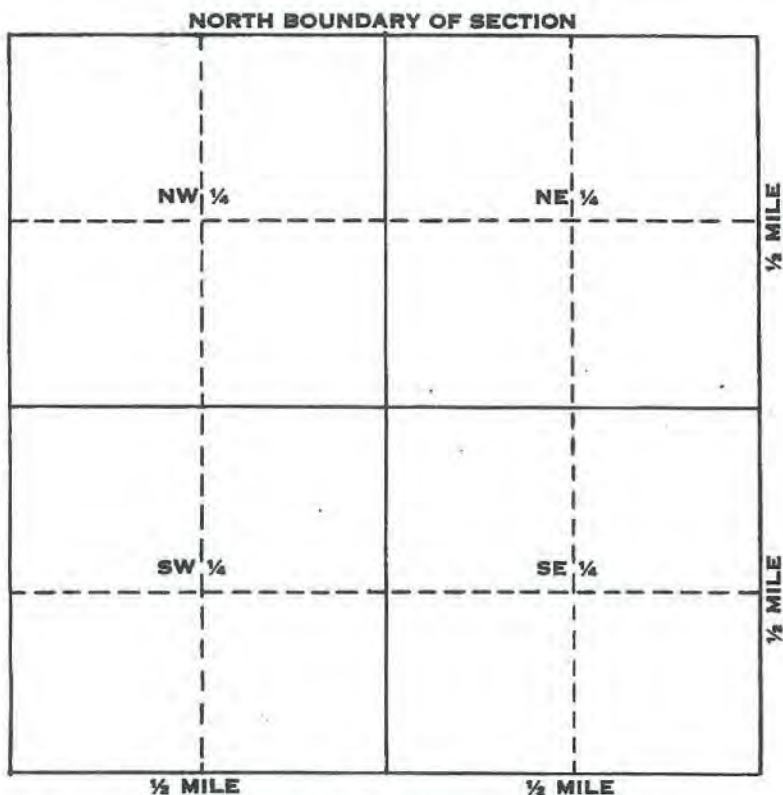
State Well No. _____
Other Well No. _____

25/2W-11B1

(1) OWNER: Valley Name: [Redacted] Address: [Redacted]					(11) WELL LOG: Total depth 638 ft. Depth of completed well 638 ft. Formation: Describe by color, character, size of material, and structure 0 ft. to 128 ft.																									
(2) LOCATION OF WELL: County San Bernardino Owner's number, if any 2 Twp, Range, and Section NW 1/4 of NE 1/4 T 28 R 2W Sec. 11 Distance from cities, roads, railroads, etc. Ave. F between 5th & 6th Streets- Yucaipa					Brown clay with sand and gravel 128 190 Loose gravel, some brown clay 190 284 Brown clay, gravel and boulders 284 386 Gravel and boulders, some brown clay 386 414																									
(3) TYPE OF WORK (check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Destroying <input type="checkbox"/> If destruction, describe material and procedure in Item 11.					(5) EQUIPMENT: Rotary <input type="checkbox"/> Cable <input checked="" type="checkbox"/> Other <input type="checkbox"/>																									
(4) PROPOSED USE (check): Domestic <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/> Municipal <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/>					Light brown clay with gravel embedded 414 430 Loose rough gravel 430 475 Hard tight gravel with trace of gray clay 475 512 Brown and gray clay with gravel embedded 512 563 Rough gravel some g clay 563 613 Tough brown clay 613 619 Gravel, some brown clay 619 638 Tough brown clay																									
(6) CASING INSTALLED: STEEL: OTHER: SINGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/>					If gravel packed																									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Diam.</th> <th>Top or Wall</th> <th>Diameter of Bore</th> <th>From ft.</th> <th>To ft.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>614</td> <td>16"</td> <td>1"</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>638</td> <td>16"</td> <td>5/16"</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					From ft.	To ft.	Diam.	Top or Wall	Diameter of Bore	From ft.	To ft.	0	614	16"	1"					638	16"	5/16"				Size of shoe or well ring: 16x12x1" Bit Steel Describe joint: All joints butt weld				
From ft.	To ft.	Diam.	Top or Wall	Diameter of Bore	From ft.	To ft.																								
0	614	16"	1"																											
	638	16"	5/16"																											
(7) PERFORATIONS OR SCREEN: Type of perforation or name of screen Mills					<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Perf. per row</th> <th>Rows per ft.</th> <th>Size in. x in.</th> </tr> </thead> <tbody> <tr> <td>350</td> <td>563</td> <td>8</td> <td>1</td> <td>2 1/2 x 7/16"</td> </tr> <tr> <td>613</td> <td>625</td> <td>8</td> <td>1</td> <td>2 1/2 x 7/16"</td> </tr> </tbody> </table>					From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.	350	563	8	1	2 1/2 x 7/16"	613	625	8	1	2 1/2 x 7/16"						
From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.																										
350	563	8	1	2 1/2 x 7/16"																										
613	625	8	1	2 1/2 x 7/16"																										
(8) CONSTRUCTION: Was a surface sanitary seal provided? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> To what depth 40 ft. Were any strata sealed against pollution? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, note depth of strata From _____ ft. to _____ ft. From _____ ft. to _____ ft.					Work started Jan. 14 67 , Completed Mar. 21, 1967 WELL DRILLER'S STATEMENT: <i>This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.</i> NAME KIRKLAND WELL SERVICE (Person, firm, or corporation) (Typed or printed) Address 32291 Dunlap Blvd. Yucaipa, Calif. [SIGNED] <i>[Signature]</i> (Well Driller) License No. 168847 Dated Mar. 22 , 19 67																									
(9) WATER LEVELS: Method of sealing Concrete grout installed between casing and formation Depth at which water was first found, if known 308 ft. Standing level before perforating, if known 308 ft. Standing level after perforating and developing 308 ft.					(10) WELL TESTS: Will be made by Owner Pump test made? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, by whom? gal./min. with _____ ft. drawdown after _____ hrs. Temperature of water _____ Was a chemical analysis made? Yes <input type="checkbox"/> No <input type="checkbox"/> Was electric log made of well? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, attach copy																									

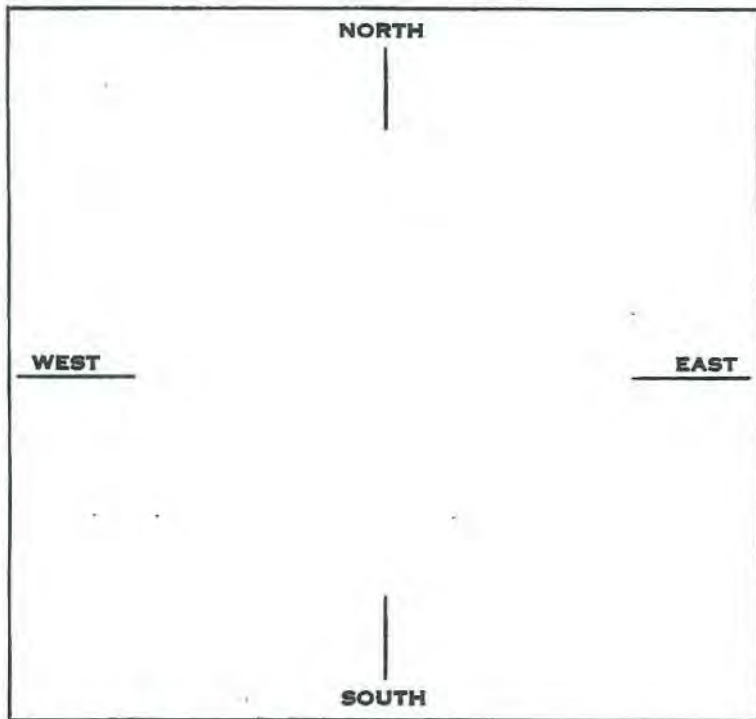
SKETCH LOCATION OF WELL ON REVERSE SIDE

WELL LOCATION SKETCH



Township 29 N/S
 Range 2W E
 Section No. 11

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.

YUCAIPA WATER COMPANY NO. 1
LOG OF WELL NO. 2
 S.R. No. 36-01850

#2

LOCATION: Avenue F, between Fifth and Sixth Streets
 NW $\frac{1}{4}$ of NE $\frac{1}{4}$, Sect. 11, T2S, R2W, SBB&M

DRILLED BY: Unknown

YEAR: 1921

Depth		Material
From	To	
0	155'	Clay & Gravel
155'	172'	Gravel No cuts
172'	202'	Clay & Gravel
202'	240'	Gravel
240'	260'	Boulders 512 cuts between 225' & 280'
260'	289'	Gravel
289'	300'	Clay & Gravel
300'	315'	Gravel 152 cuts
315'	360'	Clay & Gravel
360'	378'	Gravel 144 cuts
378'	398'	Clay & Gravel
398'	464'	Gravel 320 cuts between 398' & 438' top of Starter

Cuts are about 1/2" wide x 4" long,
 and are made 8 per foot.

Standard Rig

Note: The well was drilled in 1921 and is apparently new. The well was drilled by the YUCAIPA WATER COMPANY. The well is located on Avenue F, between Fifth and Sixth Streets, NW 1/4 of NE 1/4, Sect. 11, T2S, R2W, SBB&M. The well is 464 feet deep. The well is drilled with a standard rig. The well is drilled with a standard rig. The well is drilled with a standard rig.

15/2W-30M1

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

WELL DATA (1) Place and Owner.....

(2) Source of Information..... **Data on File**

Collected by..... Date **15 June 62**

(3) Number or Name.....	#5		
Date drilled.....	Jan. 24, 1946		
(4) Location: Neighborhood.....	Residential		
Size of lot.....			
Distance to: Sewer.....	No sewers in area		
Sewage disposal.....	Cesspool or septic tank		
Abandoned well.....			
Nearest property line.....			
(5) Housing: Type.....	Metal		
Condition.....	Good		
Pit depth (if any).....	None		
Floor (material).....	Concrete		
Drainage.....	Yes		
(6) Well Depth.....	508'		
(7) Casing: Depth.....	465'		
Diameter.....	16" to 465' depth		
Kind.....	Steel-10 ga Double		
Height above floor.....	4"		
Distance to highest perforations.....			
Surface sealed (yes or no).....	Yes		
Gravel pack (yes or no).....	No		
Second casing depth.....			
Second casing diameter.....			
Annular seal (depth).....			
(8) Impervious Strata: { Thickness.....			
Penetrated { Depth to.....			
(9) Water Levels: { Surface.....	251.9		
Depth to { Static.....			
{ When Pumping.....			
(10) Pump: Make.....	Layne & Bowler		
Type.....	D.W. Turbine		
Capacity, g.p.m.....	750'		
Lubrication.....	Oil		
Power.....	N Gas		
Auxiliary power.....	No		
Control.....			
Discharge location.....	Above Ground		
Discharge to.....	Mains		
(11) Frequency of Use.....	Cont.		
(12) Flood Hazard.....	No		
(13) Remarks and Defects..... (Use other side if necessary)			

(14) Show well log on other side.

COPY

15/2W-36N1

Well 5
Rec. #36 01853

WELL RECORD



Company _____

Location Cedar Avenue between 3rd & 4th Streets Elev 2560

SW 1/4 SW 1/4 Township 1S Range 2W Section 36

PIT

Date drilled January 1946 By Eula Wells Roberts
Depth 508' Diameter _____ Packed _____

CASING

Diameter 16" Length 465' Gauge 10 ga. - double
" _____ " _____ " _____
Perforated interval _____

COLUMN

Diameter 10" Length 310' Gauge _____
" 8" " 40' " _____

Tube diameter _____ Shaft diameter _____

BOWLS

Date installed March 26, 1963 By Turley Pump Co.
Make Peerless Model 10 MA Serial no. R58283
Size 10" Stages 14 Length _____ Suction 10'

DESIGN PERFORMANCE

GPM <u>700</u>	RPM <u>1760</u>	TDH <u>550</u>	HP <u>120</u>
GPM <u>675</u>	RPM <u>1760</u>	TDH <u>555</u>	HP _____
GPM <u>600</u>	RPM <u>1760</u>	TDH <u>594</u>	HP _____

ENGINE

Date installed February 1958 By Wilson Engine Service
Type Nat. Gas Make Climax Model K67 Serial no. 53576
Cu. in. 1616 B & S 7 x 7" HP 125 RPM 880

GEAR

Date installed February 1958 By Ray Roberts
Make U.S. Model 1.2 Serial no. 1138599 HP 150
Shaft Spicer WL 71 Universals _____

Notes: March 1963 - All new shaft bearings, strainer spiders, head shaft & tension section.

15 / 2W - 36N1

REDEVELOPING
IDEOLOGGING
HOTOLOGGING

Water Well Redevelopers, Inc.

5583 PEBBLE BEACH LANE
YORBA LINDA, CALIFORNIA 92886



VIDEOLOG FIELD REPORT

OWNER _____ WELL LOCATION Approximately
_____ 34586 Cedar St.
_____ Yucaipa, Calif.
WELL NO. 5 DATE OF VIDEOLOG 12-5-83 BY B.J.C.

WELL HISTORY

Casing: 16" -- 0' to 508' Perforations: 190' to 199', 220' to 227',
236' to 245', 254' to 355',
366' to 400' & 422' to 470'.
Drilled 1946 By Flula Wells Type C-Tool Perf's Mills Knife.
Depth of Pump Setting: Column 350' Bows 10' Suction 10'
Remarks All out for service.

RING SURVEY

Standing Water Level 174' Depths Televised 0' to Present Bottom.
Total Well Depth 490' Water Conditions Good

VIDEO

VTK Beta SETTING 1 TAPE: On File _____ Customer _____ Dealer X None _____
POLAROID SUPPLEMENTS None.

REMARKS

Camera centering guide set at 14" O.D. during survey. No drag noted while camera descended.
Sample mills knife cuts are visible at 2'.
Casing and perforations appear clean and in normal condition from 174' (static) to 400'. Some perforation plugging and or restriction can be seen from 400'± to 470', end of casing.
Open hole from 470' to 490' (bottom).
Perforations on joint 328' and 433'.
Lost airline visible at 475' and 481'.



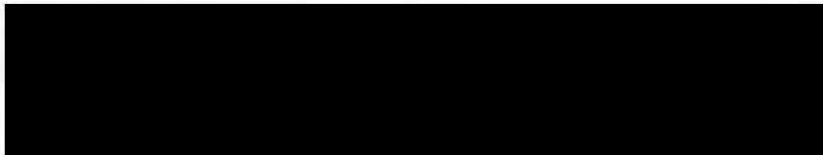


San Bernardino Valley Municipal Water District

1350 SOUTH "E" STREET - P. O. BOX 5906, SAN BERNARDINO, CALIFORNIA 92412 - (714) 824-2200
(714) 889-0433

RECEIVED
THE SAN BERNARDINO COUNTY
CLERK'S OFFICE
SEP 10 1976

September 9, 1976



Dear Sir:

On behalf of the SBVMWD I would like to thank you for your assistance this summer with our vertical control project.

All of our surveys were run to determine the mean sea elevation of the measuring point for each well. All of our work was done within third order limits.

The following are the wells surveyed and their elevation:

Well No. 4	2346.36 ft.
Well No. 5	2561.98 ft.
Well No. 7	2711.00 ft.
Well No. 8	2364.18 ft.
Well No. 11	2387.92 ft.
Well No. 12	2379.15 ft.
Well No. 13	3180.95 ft.
Well No. 14	3341.77 ft.
Well No. 24	2434.71 ft.
Well No. 33	3127.80 ft.

Thank you again.

Sincerely,

Robert Martin
Water Resources Aide

RECEIVED
THE SAN BERNARDINO COUNTY
CLERK'S OFFICE
SEP 10 1976

RM:as

Directors and Officers

FRED OGDENBROOK, JR.

LE ROY HOLMES

WILLIAM R. LEONARD

HOWY D. LAUREN

FRANK W. PETERSON

JACK A. LEAVEL

15/2W-3621

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

WELL DATA (1) Place and Owner _____

(2) Source of Information Data on File _____

Collected by _____ Date 15 June 62

(3) Number or Name	#7		
Date drilled	October 18, 1950		
(4) Location: Neighborhood			
Size of lot			
Distance to: Sewer	No sewer in area		
Sewage disposal	Cesspool or septic tank		
Abandoned well			
Nearest property line			
(5) Housing: Type			
Condition			
Pit depth (if any)			
Floor (material)			
Drainage			
(6) Well Depth	695'		
(7) Casing: Depth	665'		
Diameter	14"		
Kind	1/4" Steel		
Height above floor	4"		
Distance to highest perforations			
Surface sealed (yes or no)	Yes		
Gravel pack (yes or no)	Yes		
Second casing depth			
Second casing diameter			
Annular seal (depth)			
(8) Impervious Strata: {			
Penetrated {	Thickness		
	Depth to		
(9) Water Levels: {			
Depth to {	Surface	383.7	
	Static		
	When Pumping		
(10) Pump: Make	Layne & Bowler		
Type	Turbine-L.S.		
Capacity, g.p.m.	450		
Lubrication	Oil		
Power	N Gas		
Auxiliary power	No		
Control			
Discharge location	Above ground		
Discharge to	Mains		
(11) Frequency of Use	Cont.		
(12) Flood Hazard	No		
(13) Remarks and Defects			
(Use other side if necessary)			

(14) Show well log on other side.

COPY

[REDACTED]

LOG OF WELL NO. 7
S.R. No. 36-01855

15/2W-361 #7

LOCATION: Cedar and Adams Streets
SE $\frac{1}{4}$ of SE $\frac{1}{4}$, Sect. 36, T1S, R2W, SBB&M

DRILLED BY: E. J. Brockman, Drilling Contractor DATE: Oct. 18, 1950
R. 1, Box 150, Colton, Calif.

Depth		Material
From	To	
0	18'	Decomposed granite boulders
18'	120'	Sand and rock
120'	184'	Sand and clay with some rock
184'	195'	Clay and rock
195'	223'	Red clay
223'	298'	Sandy clay
298'	315'	Sand and gravel
315'	328'	Sandy clay
328'	340'	Sand and gravel
340'	395'	Sandy clay
395'	415'	Rock and clay
415'	460'	Sandy clay
460'	475'	Rock and clay
475'	514'	Sand
514'	520'	Sandy clay
520'	530'	Cemented gravel
530'	540'	Sandy clay
540'	545'	Sand
545'	552'	Granite ledge
552'	568'	Sandy clay
568'	580'	Sand
580'	584'	Sandy clay
584'	589'	Sand
589'	594'	Clay and rock
594'	605'	Sandy clay
605'	625'	Cemented gravel
625'	635'	Clay and rock
635'	660'	Soft sand clay
660'	688'	Clay and rock
688'	695'	Rock

Hole was reamed to 20" diameter to a depth of 665' and 14" x $\frac{1}{2}$ " wall casing installed to 665'.

1S/2W - 36R1

Well 7

WELL RECORD



Company _____

Location Cedar & Adams # 36 01867

SE 1/4 SE 1/4 Township 1 S Range 2 W Section 36

Date drilled Oct. 1950 PIT By E.S. Brockman
Depth 695' Diameter 30" Packed 665'

CASING
Diameter 14 Length 665 Gauge 1/4"
" " " "
Perforated interval _____

COLUMN
Diameter 6 Length 500 Gauge STD
" " " "

Tube diameter 2 1/2 Shaft diameter 1 1/2

BOWLS
Date installed 3-25-57 By Roberts
Make Layne & Bowler Model ELL - M Serial no. _____
Size 12 Stages 12 Length _____ Suction 10' of 6"

3/25/57

DESIGN PERFORMANCE
GPM 450 RPM 1650 TDH 423 HP 79
GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____

ENGINE
Date installed _____ By _____
Type _____ Make Waukesha Model Wak R-25A Serial no. 1018788
Cu. in. 1197 B & S 6 1/4 X 6 1/2 HP 96 RPM 900

GEAR
Date installed _____ By _____
Make IIS Model 1.2 Serial no. 1101571 HP 110
Shaft Delte WT. 61 Universals _____

Notes: 1 CK 189 S Gas Engine Starter - Serial - 1016352

15/2w-3621

695' 14" DEPTH DIAM. DRILLED San Bernardino Valley Water Conservation District WELL NO. _____
 REDLANDS, CALIFORNIA LOCATION NO. _____
 Yuc. W. Co. No. 1-177
 26-01855
 USE LOG AVAILABLE Yes
 WELL RECORDS
 LOCATION 80' n/o Cedar, 40' w/o Adams
 OWNER [REDACTED] - Well No. 20 (old) (new) No. 7
 EQUIPMENT _____ ELEV. M. P. _____
 DESCRIPTION OF M. P. Top of casing ELEV. G. S. 2710
 LEVELS BY _____

DATE	OBSERVER	DEPTH TO WATER	ELEVATION OF WATER	REMARKS
1950				
11-03	Hicks	316.7	2393.3	To top casing
1951				
3-03	Serber	317.1	2392.9	
4-04	Hicks	317.2	2392.8	To top casing
5-15	Serber	319.7	2390.3	
1952				
4-11	Hicks	325.7	2394.3	New bench plug-outlet pipe
4-11	Edison Co.	325	2385	1.65' above pump base
1953				
3-17	Serber	328.6	2381.4	
1955				
3-28	USGS	334.8	2375.2	
8-9	Edison Co.	367.2	2212.8	
8-9	"	497.7	2212.3	Pumping 42% RPM
9-17	USGS	1002	2210	
1957				
4-2	Dibble	346.6	2363.4	2" pipe East side
1958				
4-28	Foster	466.6	2243.4	Pumping
1960				
3-9	Hanstad	383.7	2326.3	Idle
1961				
4-24	Stafford	440.6	2269.4	Pumping
1963				
3-20	STAFFORD	383.7	2322.8	
1965				
			2328	

25/2W-201 ~~AS~~



LOG OF WELL NO. 8
S.R. No. 36-01856

NOT
#8

LOCATION: Hill Ranch
NW $\frac{1}{4}$ of SW $\frac{1}{4}$, sect. 25, T1S, R2W, SBE&M
DRILLED BY: E. J. Brockman YEAR: March 3, 1951 completed
R. 1, Box 150
Colton, Calif.

Depth		Material
From	To	
0	4'	Top Soil
4'	50'	Sand and rock
50'	85'	Sandy clay
85'	105'	Sand and small gravel
105'	178'	Sandy clay
178'	222'	Sand and coarse gravel
222'	260'	Hard clay
260'	274'	Sand and small gravel
274'	300'	Sandy clay
300'	306'	Sand
306'	340'	Clay and rock
340'	354'	Rock and Sand
354'	415'	Sandy clay
415'	425'	Sand
425'	478'	Sand with streaks of clay
478'	506'	Hard clay

Hole was reamed to 16" to 363' and 10" x 3/16" casing installed. 10" casing was perforated with 3/16" x 4" slots 4 to the round every foot.

Hole was reamed to 10" from 363' to 506' and 6" x 1/8" casing installed. 6" casing was perforated all the way with 3/16" x 4" slots 4 to the round, one round every foot.

Hole was gravel packed with 3/8" gravel all the way.

Static water level 115'

Well on the pump test pumped the following capacities:

from 143'	- 162	GPM
" 166'	- 279	GPM
" 178'	- 342	GPM

Rotary Rig

WELL RECORD



Company _____

Location 8th Street South of Washington Drive Elevation = 2360'

NE 1/4 NE 1/4 Township 2 S Range 2 W Section 3

Date drilled 1959 By PIT
Depth 750' Diameter _____ Packed 500'

CASING
Diameter 16" Length 500' Gauge 10 ga.
" _____ " _____ " _____
Perforated interval _____

COLUMN
Diameter 8" Length 400 Gauge STD
" _____ " _____ " _____

Tube diameter _____ Shaft diameter _____

BOWLS
Date installed March 18, 1963 By Turley Pump Company
Make _____ Model 10 IA Serial no. R 58225
Size 10" Stages 11 Length _____ Suction 10'

DESIGN PERFORMANCE
GPM 450 RPM 1760 TDH 400 HP 55
GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____

ENGINE
Date installed 3-63 (from #3 well) By _____
Type Elect. Make U.S. Model HU Serial no. 1251837
Cu. in. _____ B & S _____ HP 60 RPM 1800

GEAR
Date installed _____ By _____
Make _____ Model _____ Serial no. _____ HP _____
Shaft _____ Universals _____

Notes: Pump test July 25, 1966
Pump Head Jacuzzi - Pump as shown

[REDACTED]
LOG OF WILDWOOD CANYON WELL
S.R. No. 36-01864

25/1W-8E1

Well - 15

LOCATION: Wildwood Canyon
NW $\frac{1}{4}$ of NW $\frac{1}{4}$, Sect. 8, T2S, R1W, SBB&M

DRILLED BY: Unknown

YEAR: Unknown

Depth	
From	To
0	85'

85'	90'
90'	129'
129'	145'

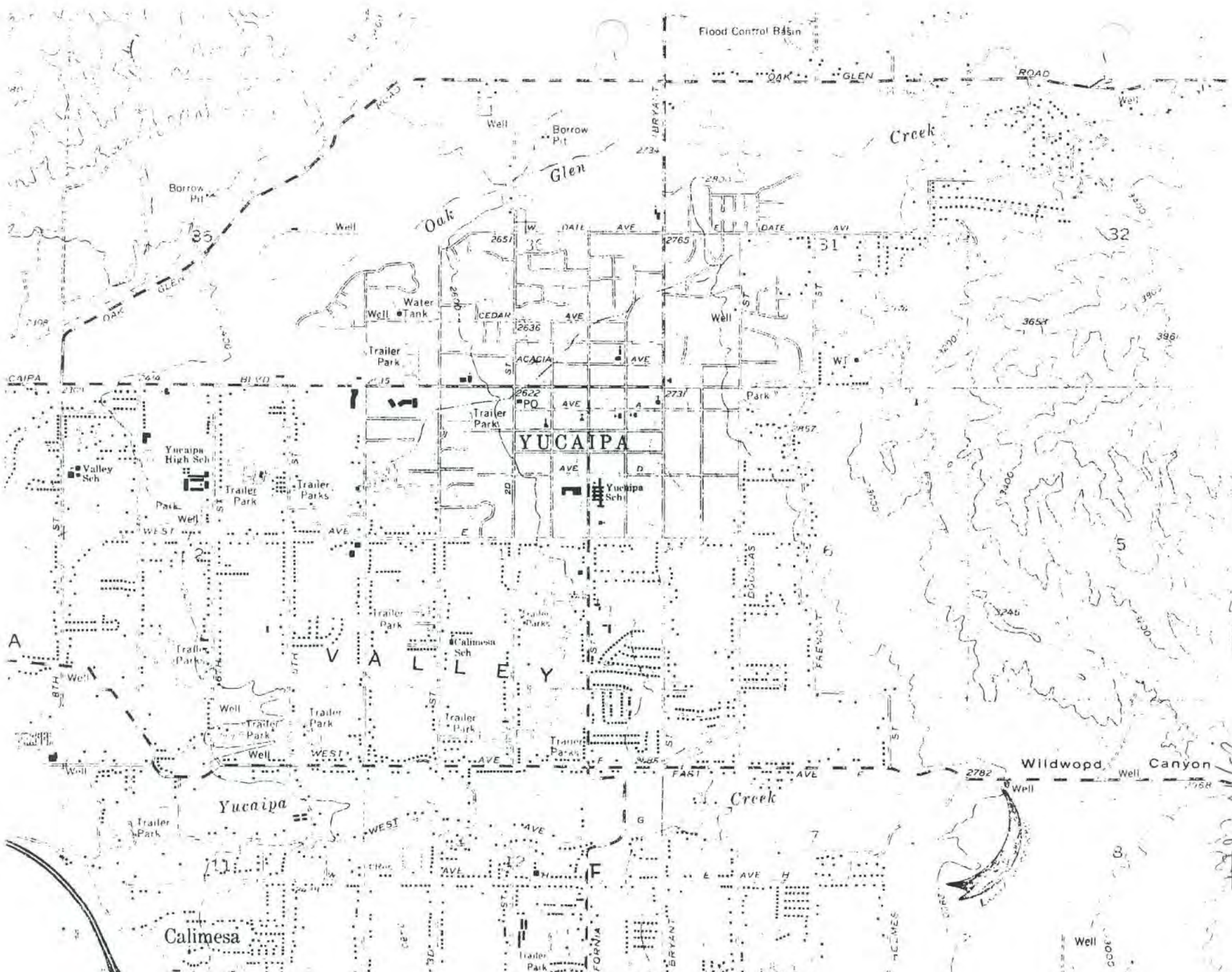
Material

Gravel size of a pea to 6" mixed with sand & some clay to cement slightly not enough water to attract attention above 80'.

Sand & clay mixed not cemented but loose. Gravel size of a pea to 6" with sand and no clay.

Decomposed granite or soft schist becoming harder as well went down.

All 100 perforations between 50' and 129' below surface perforation 8" to 18" long and average width 5/8 of an inch.



25/11/84

25/1W-8E1

Well Wildwood
#15

WELL RECORD



Company _____

Location Wildwood Canyon 36 01864

NW 1/4 NW 1/4 Township 2 S Range 1 W Section 8

Date drilled Unknown By Unknown
Depth 145 Diameter _____ Packed _____

PIT

Diameter 12 Length 145 Gauge 1/4
Perforated interval 50 - 129

CASING

Diameter 5 Length 120 Gauge STD

COLUMN

Tube diameter 1 1/2 Shaft diameter 1

Date installed _____ By _____
Make Wintroath Model 8-75 Serial no. _____
Size 8 Stages 5 Length _____ Suction 10 ft.

BOWLS

DESIGN PERFORMANCE

GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____

ENGINE

Date installed _____ By _____
Type Elec. Make GE Model 12 F 56715 Serial no. XCS 6721749
Cu. in. _____ B & S _____ HP 7 1/2 RPM _____

GEAR

Date installed _____ By _____
Make _____ Model _____ Serial no. _____ HP _____
Shaft _____ Universals _____

Notes: _____

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

well 15-1
Test well
Do not fill in

No. 182243

Permit No. or Date 07208924

State Well No. _____
Other Well No. _____

(1) OWNER: Name _____
Address _____
City _____ Zip _____

(2) LOCATION OF WELL (See instructions):
County San Bernardino Owner's Well Number _____
Well address if different from above Wildwood Canyon
Township 2 S Range 1 W Section 8
Distance from cities, roads, railroads, fences, etc. _____
Assessors Parcel #322-212-05



(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

(12) WELL LOG: Total depth 315 ft. Depth of completed well 315 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 102 ft Fine sand short streak of clay.
102 - 149 ft Medium & coarse sand, gravel mix.
149 - 315 ft Blue Granite (Decompose).

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket
(6) GRAVEL PACK:
Yes No Size Pea Gravel
Diameter of bore 12 1/2
Packed from 0 to 315 ft.

(7) CASING INSTALLED: Steel Plastic Concrete
(8) PERFORATIONS:
Type of perforation or size of screen

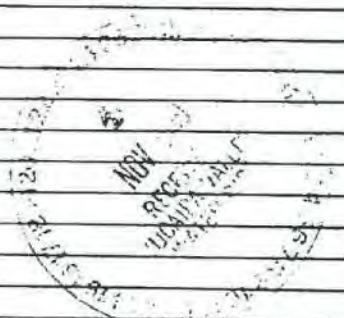
From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
<u>0</u>	<u>315</u>	<u>6</u>	<u>1/8</u>	<u>80</u>	<u>295</u>	<u>.090</u>

(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 62 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.
_____ gpm 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

Work started 6-14 1980 Completed 6-23 1980
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 [Signature] (Well Driller)
NAME SoCal Pump & Well Service, Inc.
(Person, firm, or corporation) (Typed or printed)
Address 585 W. Valley Blvd
City Bloomington, California Zip 92316
License No. 510836 Date of this report Nov 1, 1980



This is our well in Dave Pafund

15/1W-33m1

Well BAUMANN 1/4

WELL RECORD

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Company _____

Location B of Potato Canyon Rd. Lot 7 - So Mtn Sub. 36 01866

~~SE~~ 1/4 ~~SE~~ 1/4 Township 1 S Range 1 W Section 27

PIT

Date drilled _____ By _____
Depth 115 Diameter _____ Packed _____

CASING

Diameter 8 Length 115 Gauge 12
" " " "
Perforated interval _____

COLUMN

Diameter 3 Length 90 Gauge STD
" " " "

Tube diameter 1 1/4 Shaft diameter 3/4

BOWLS

Date installed _____ By _____
Make Pearless Model 6 L.A. Serial no. _____
Size 6 Stages 12 Length _____ Suction 10

DESIGN PERFORMANCE

GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____

ENGINE

Date installed _____ By _____
Type _____ Make Waukesha Model ICK 136C Serial no. 769040
Cu. in. 61 B & S 2 1/8 x 3 1/8 cyl 1 HP 10.5 RPM 1950

GEAR

Date installed _____ By _____
Make Johnson Model HA 2.3 Serial no. 17348 HP 15
Shaft Spicer Universals _____

Notes: _____

TRIPPLICATE
Owner's Copy

Well 17 ~~18~~

STATE OF CALIFORNIA

25/1W-2L1

Do not fill in

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 15689

Notice of Intent No. _____

State Well No. 025/07W-02102

Permit No. or Date _____

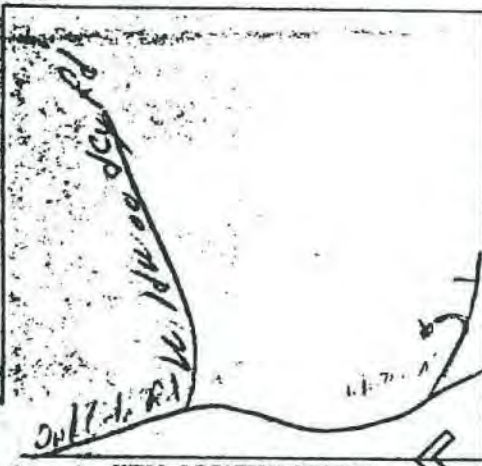
Other Well No. _____

(1) OWNER: Name _____
Address _____
City _____ Zip _____

(12) WELL LOG: Total depth 180 ft. Depth of completed well 180 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):
County San Bernadino Owner's Well Number W-62
Well address if different from above _____
Township _____ Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

0 - 10 Brown DG & Firm
10 - 20 Brown DG & Firm
20 - 40 firm DG brown
40 - 80 Gravel brown DG mix
80 - 100 rusty brown gravel water
100 - 140 brown DG firm
140 - 150 black sand stone or rock
150 - 160 brown/green DG
160 - 180 Harder DG brown
180 STOP



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

(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 _____
Diameter of bore _____
Packed from _____ to _____ ft.

(7) CASING INSTALLED:
Steel Plastic Concrete
From _____ ft. To _____ ft. Dia. _____ Gage or _____

(8) PERFORATIONS:
Type of perforation or size of screen
From _____ To _____ Slot _____

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

Work started 4-7 19 87 Completed 4-9 19 87

(10) WATER LEVELS:
Depth of first water, if known 80 ft.
Standing level after well completion 65 ft.

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

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? _____
Type of test v. Pump Bailer Air lift
Depth to water at start of test _____ ft. At end of test _____ 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

SIGNED _____ (Well Driller)
NAME Ron Engeldinger
(Person, firm, or corporation) (Typed or printed)
Address P.O. Box 250
City Hemet, Ca. Zip 92343
License No. 294625 Date of this report 4-16-87

WR 188 (REV. 7-76)

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM 4816 REC 7-76 50M QUAD (DT 05)

was 50 ft sanitary seal

pumps test

TRIPPLICATE
Owner's Copy

Well 17 ~~17~~

25/1W-24

well 62

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill

No. 15689

Notice of Intent No. _____

Permit No. or Date _____

State Well No. _____

Other Well No. _____

(1) OWNER: Name _____
Address _____
City _____ Zip _____

(2) LOCATION OF WELL (See instructions):
County San Bernadino Owner's Well Number _____
Well address if different from above _____
Township _____ Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 180 ft. Depth of completed well 180 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 10 Brown DG & Firm
10 - 20 Brown DG & Firm
20 - 40 firme DG brown
40 - 80 Gravel brown DG mix
80 - 100 rusty brown gravel water
100 - 140 brown DG firm
140 - 150 black sand stone or rock
150 - 160 brown/green DG
160 - 180 Harder DG brown
180 STOP



(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 _____
Diameter of bore _____
Packed from _____ to _____ ft.

(7) CASING INSTALLED:
Steel Plastic Concrete

From ft.	To ft.	Dia. in.	Gauge or Wall
	<u>180</u>	<u>8"</u>	

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

From ft.	To ft.	Slot size
----------	--------	-----------

(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 Steel & Cement

(10) WATER LEVELS:
Depth of first water, if known 80 ft.
Standing level after well completion 65 ft.

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

Work started 4-7 1987 Completed 4-9 1987
WELL DRILLER'S STATEMENT:
This well was drilled under my instruction and this report is true to the best of my knowledge and belief.
SIGNED: _____ (Well Driller)
NAME: Ron Engeldinger
(City, St., town, or corporation) (Typed or printed)
P.O. Box 250
Hemet, Ca. Zip 92343
License No. 294625 Date of this report 4-16-87

15/2W-2591

FROM : SOCAL PUMP & WELL DRILLING INC FAX NO. : 9093415031

Dec. 07 2000 09:40AM P2

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. [REDACTED]

Date Work Began 9/28/99

Local Permit Agency San Bernardino County EHS Div

Permit No 1999100830

Permit Date 10/22/99

STATE OF CALIFORNIA WELL COMPLETION REPORT

Refer to Instruction Pamphlet

Well #19

No. 766676

OWNER USE ONLY - DO NOT FILL IN

STATE WELL NO / STATION NO

LATITUDE LONGITUDE

APR/19/1976

GEOLOGIC LOG

ORIENTATION (±) _____ VERTICAL _____ HORIZONTAL _____ ANGLE _____ (SPECIFY)

DRILLING METHOD _____ FLUID _____

DEPTH FROM SURFACE

DESCRIPTION

Describe material grain size color, etc.

Excavated down 6 feet, graveled well up to 50 feet and pumped in a 50 feet 10 sack sand slurry mix.

WELL OWNER

Name: [REDACTED]

Mailing Address: [REDACTED]

City: Yucaipa CA 92399

WELL LOCATION

Address: Fir/Goldstein

City: Yucaipa

County: San Bernardino

APN Book _____ Page _____ Parcel 303-391-78

Township 1S Range 2W Section 25

Latitude _____ NORTH Longitude _____ WEST

LOCATION SKETCH

ACTIVITY (±)

NEW WELL _____

MODIFICATION/REPAIR _____

— Deepen _____

— Other (Specify) _____

DESTROY (Describe Procedures and Materials Under GEOLOGIC LOG)

PLANNED USES (±)

WATER SUPPLY _____

— Domestic _____ Farm _____

— Irrigation _____ Industrial _____

MONITORING _____

TEST WELL _____

CATHODIC PROTECTION _____

HEAT EXCHANGE _____

DIRECT PUSH _____

INJECTION _____

VAPOR EXTRACTION _____

SPRINKLING _____

REMEDIATION _____

OTHER (SPECIFY) _____

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER _____ (FL) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL _____ (FL) & DATE MEASURED _____

ESTIMATED YIELD _____ (GPM) & TEST TYPE _____

TEST LENGTH _____ (HRS) TOTAL DRAWDOWN _____ (FL)

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

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	TYPE (K)				CASING (S)			
		BLANK	SCREEN	SLIP	WELP (FT)	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GALISE OR WALL THICKNESS	SLIT SIZE IF ANY (Inches)
FL TO FL									

DEPTH FROM SURFACE	ANNULAR MATERIAL			
	TYPE			
FL TO FL	LF-MENT (±)	BN-TONITE (±)	PILL (±)	FILTER PACK (TYPE/SIZE)

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 SoCal Pump & Well Drilling, Inc.

ADDRESS P.O. Box 5488 Riverside CA 92517

Signed [Signature] DATE SIGNED 12-7-00 510836 (C-1) LICENSE NUMBER

15/2W-25G1

Well 19
36-01105

WELL RECORD

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Company _____

Location 1200 W. Bryant 800 No. Oak Glen ELEV 1770

NW 1/4 SE 1/4 Township 1S Range 1W Section 25

Date drilled _____ PIT
By _____
Depth 365 Diameter _____ Packed _____

Diameter 16 Length 365 CASING Gauge _____
" " " " " "
Perforated interval _____

Diameter _____ Length _____ COLUMN Gauge _____
" " " " " "

Tube diameter _____ Shaft diameter _____

Date installed _____ BOWLS By _____ Coe
Make Pomona Model Water tube Serial no. _____
Size _____ Stages _____ Length _____ Suction _____

DESIGN PERFORMANCE
GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____

ENGINE
Date installed _____ By _____
Type Elect Make G.E. Model 12F3262 Serial no. 5777487
Cu. in. _____ B & S _____ HP 30 RPM 1770

GEAR
Date installed _____ By _____
Make _____ Model _____ Serial no. _____ HP _____
Shaft _____ Universals _____

Notes: Motor Rewind 64

15/2w-2561

Well 19
36-2115

MONTHLY PRODUCTION RECORD

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Company _____

Month of _____

5655

64

DATE	WATER METER	GPD	GPM	GAS METER	Cu. Ft.	OIL	MIN. DOWN
J				3879			6.5
F				4044			14.0
M				4032		22.73	3.5
A				4116			13.0
M				4137		74.36	8.0
J				4160			12.5
J				4176		79.51	19.0
A				4251			14.5
S				4274		89.87	18
O				4341			20
N				4404		10.30	9
D				4428			5 1/2
	200 GPM						
							201.5
65	J			4444		3.59	3
F				4453			5.5
M				4468		4.37	4.5
A				4482			4.0
M				4494		82.64	12.0
J				4526			14
J				4558		87.95	12.5
A				4608			
S				4676		86.70	22
O				4676			14
N				4715		9.52	2.5
D				4733			8.5
	200 GPM est.						
	1,242,000 GAL.	3.81 A9					
TOT.							

REMARKS _____

WM #20

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In

No. **59344**

State Well No. **15/2W-25 R01**

Other Well No.

DUPLICATE

Original, Duplicate and Triplicate with the
ANAL WATER POLLUTION
CONTROL BOARD No. 7
(appropriate number)

OWNER:

Name: [Redacted]
Address: [Redacted]

(2) LOCATION OF WELL:

County: San Bernardino
S. E. D. or Section No.:
South 120 acres of SE 1/4, section 25, T15
Range 2W, 1W corner of Bryant and Oak
Glen, Yucaipa, Calif.

(3) TYPE OF WORK (check):

New well Deepening Reconditioning Abandon
To abandonment: Describe materials and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) EQUIPMENT:

Rotary
Cable
Duz Well

(6) CASING INSTALLED:

SINGLE DOUBLE
If gravel packed
Size of casing: 590 12 3/4" 1/4"
Type of casing: B5/8" to 12 3/4" iron guides

Type and size of pipe or well lining

Describe pipe: welded joint
collars

(7) PERFORATIONS:

Type of perforator used: mill cut
Size of perforations: 120 mesh
From: 1190 590 120 mesh 14

(8) CONSTRUCTION:

Was a surface indicator well produced? Yes No To what depth: 150
Were any struts installed against production? Yes No
Method of Sealing: Rotary mud slurry

(9) WATER LEVELS:

At which water was first found: _____ ft.
Level before perforations: _____ ft.
Level after perforations: 400 ft.

WELL TESTS:

Was test made? Yes No If yes, by whom: C.V. Pump
Yield: 630 gal./min. with 340 ft. draw down after 24 hrs.
Temperature of water: _____ Was a chemical test made? Yes No

(11) WELL LOG:

Total depth	ft.	Depth of completed well	ft.
0	58	coarse sand & gravel	
58	70	coarse sand & gravel	
70	104	coarse sand w streaks of heavy gravel	
104	140	coarse sand w/gravel	
140	190	sand & gravel	
190	220	coarse sand	
220	240	coarse sand	
240	255	sand & gravel	
255	280	sand w/ some clay	
280	290	sand & gravel	
290	300	sand & rock	
300	320	sand & gravel	
320	340	rock & sand	
340	375	sand & rock	
375	395	sand gravel, free	
395	410	sand	
410	440	hard sand & rock	
440	480	hard sand & rock	
480	510	coarse sand	
510	555	coarse sand	
555	578	coarse sand	
578	590	coarse sand	
590		Hard rock	

CONFIDENTIAL - NOT FOR PUBLIC RELEASE

MICROFILME

Work completed: 6/8 '62 Date of report: July 20 '62

WELL DRILLER'S STATEMENT:

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

NAME: Coachella Valley Pump & Supply, I

Address: P.O. Box 1274

Indio, Calif.

SIGNATURE: _____ Well Driller

License No. 161541

Dated _____

DUPLICATE

WATER WELL DRILLERS REPORT

Do Not Fill In

Original, Duplicate and Triplicate with the
GENERAL WATER POLLUTION

WELL WAS #0 R01, R02 & R03

No. 59344

WATER BOARD No. 7
(appropriate number)

STATE OF CALIFORNIA

State Well No. 15/2W-25 R01

AS OF 8-7-97 - 015/02W-25 R02 S 88

Other Well No.

OWNER:

Name: [REDACTED]
Address: [REDACTED]

(2) LOCATION OF WELL:

County: Butte Bea Cardinal owner's number, if any--
R. F. D. or Street No.:
South 153 acres of SE 1/4, section 25, T15
Range 2W, NW corner of Bryant and Oak
Glen, Yucipa, Calif.

(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 Rotary
Irrigation Test Well Other Cable
Dug Well

(5) EQUIPMENT:

(6) CASING INSTALLED:

SINGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/>		Gage or Wall		Diameter of Bore		from to	
ft. to	ft.	Diam.	ft.	ft.	ft.	ft.	ft.
590	12 3/4"	3	18 5/8"	0	590		
85/8" to 12 3/4"							
ing guides							

If gravel packed

Type and size of shoe or well ring
Describe joint: welded slip joint Holtville
collars

(7) PERFORATIONS:

Type of perforator used: mill cut
Size of perforations: 120 mesh, length, by 14 rows in.
From 590 ft. to 590 ft. Perf. per row 120 mesh Rows per ft. 14
~~XXXXXX480~~

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth 150 ft.
Were any strata sealed against pollution? Yes No If yes, note depth of strata
From _____ ft. to _____ ft.

Method of Sealing Rotary mud slurry

(9) WATER LEVELS:

At which water was first found _____ ft.
g level before perforating _____ ft.
g level after perforating 400 ft. ft.

WELL TESTS:

ump test made? Yes No If yes, by whom? C.V. Pump
Yield: 830 gal./min. with 340 ft. draw down after 24 hrs.
Temperature of water _____ Was a chemical analysis made? Yes No
Was electric log made of well? Yes No

(11) WELL LOG:

Total depth	590	ft.	Depth of completed well	590	ft.
0	ft. to 58	coarse sand & gravel			
58	70	coarse sand & gravel			
70	104	coarse sand w streaks of heavy gravel			
104	149	coarse sand w/gravel			
149	190	sand & gravel			
190	220	coarse sand			
220	240	coarse sand			
240	255	sand & gravel			
255	280	sand w/ some clay			
280	290	sand & gravel			
290	300	sand & rock			
300	320	sand & gravel			
320	340	rocks & sand			
340	375	sand & rock			
375	395	sand & gravel, free			
395	410	sand			
410	440	hard sand & rock			
440	480	hard sand & rock			
480	500	coarse sand			
500	555	coarse sand			
555	578	coarse sand			
578	590	coarse sand			
590		Hard rock			

CONFIDENTIAL - NOT FOR PUBLIC RELEASE

AUG. 11, 1997
MICROFILME

Work started 6/8 1962. Completed July 20 1962

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 Coachella Valley Pump & Supply, Inc.

Address P.O. Box 1274

Indio, Calif.

[SIGNED] _____

Well Driller

License No. 161541

Dated _____, 19

COACHELLA VALLEY PUMP & SUPPLY, Inc.

#20

JOHNSTON PUMP DISTRIBUTORS
COMPLETE PUMPING EQUIPMENT
DOMESTIC AND IRRIGATION

Licensed Contractors

Telephone EXpress 9-2192

P. O. BOX 1274 ☆ INDIO, CALIF. 92201

SPRINKLER IRRIGATION SYSTEMS
WATER WELL DRILLING
FABRICATED STEEL PIPE

May 30, 1968

San Bernardino Valley Municipal Water District
L.D. Hook, Water Superintendent
P.O. Box 458
Yucaipa, California 92399

Dear Mr. Hook:

I cannot find a copy of the report that was sent to the State on their forms, but below is the needed information as we have in our records. This information is the same as that reported.

Drilled for: E.J. Culligan

Started: June 8, 1962

finished: July 20, 1962

Legal description: South 133 acres of SE $\frac{1}{4}$, Sec. 25; T1S; R2W;
NW corner of Bryant and Oak Glen, Yucaipa, Calif.

Well Log:

0'	to	58'	Coarse sand & gravel
58'		70'	coarse sand & gravel
70		104	coarse sand w/streaks of heavy gravel
104		149	coarse sand w/gravel
149		190	sand & gravel
190		240	coarse sand
240		255	sand & gravel
255		280	sand w/some clay
280		290	sand & gravel
290		300	sand & rock
300		320	sand & gravel
320		340	rocks & sand
340		375	sand & rock
375		395	sand & gravel
395		410	sand
410		480	hard sand & rock
480		590	coarse sand
590		597	hard rock

Casing record:

0'	to	590'	12 3/4" OD X 1/2" wall casing
190'	to	590'	perforations, mill cut, 120 mesh, 14 rows

Water standing level: 400'

diameter of drilled hole: 18 5/8"

Size of gravel: small pea

Sealed to 150'

Yours truly,

Julia M. ...

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

State Well No. 01S / 02W - 25R01, S B&M

WELL INDEX

Location No.	County <u>36</u>
Serial or Ventura No.	Areal Designation <u>Y-01-F6</u>
Local or Riv. No.	Areal Code No. <u>8' Y-01-F6</u>
Bulletin 39-J No.	Well Condition <u>4</u>
Other No. <u>Log No. 59344</u>	Ref. Pt. Elev. <u>2762.0</u> ft.
	Effective Date <u>1</u>
	Ground Elev. <u>2760.0</u> ft.
<i>Data Available</i>	<i>Filed Under</i>
Log <u>2</u>	<u>5050</u>
Water Analyses <u>-</u>	
Water Levels <u>-</u>	
Prod. Records <u>-</u>	
Well Use <u>3</u>	Original Well Depth <u>0590</u> ft.
	Well Soundings
	Casing: Dia. <u>12 3/4</u> in., Length <u>0590</u> ft.
	Perf. <u>190' to 590'</u>
	Aquifer(s)
	Record: Begins <u>6/8/62</u> , Ends

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES

State Well No. 01S / 02W 25R02, B&M

WELL INDEX

Location No.	County <u>S. Bernardino (36)</u>
Serial or Ventura No.	Areal Designation <u>Y 01 F6</u>
Local or Riv. No.	Areal Code No. <u>Y 01 F6</u>
Bulletin 39-J No.	Well Condition
Other No. <u>Yuccipa V.C.W.D</u>	Ref. Pt. Elev. <u>2740'</u> ft.
<u>Nr. 20</u>	Effective date
	Ground Elev. ft.
<i>Data Available</i>	<i>Filed Under</i>
Log	
Water Analyses	
Water Levels	
Prod. Records	
Well Use	Original Well Depth <u>576</u> ft.
Well Type	Well Soundings
	Casing: Dia. <u>12</u> in., Length
	Perf.
	Aquifer(s)
	Record: Begins, Ends

DWR 1058 (Rev. 6/70)

AUG 11 1997

Well 20

Rec. #36 02321

WELL RECORD
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Company _____

Location 400' No. of Oak Glen Road - 1000' W. of Bryant Street

SE 1/4 SE 1/4 Township 1S Range 2W Section 25

PIT

Date drilled 1962 By _____

Depth 576' Diameter 12" Packed No

CASING

Diameter 12" Length 576' Gauge $\frac{1}{4}$

" _____ " _____ " _____

Perforated interval _____

COLUMN

Diameter 8" Length 460' Gauge _____

" 6" " 50' " _____

Tube diameter 2 $\frac{1}{2}$ " Shaft diameter 1 $\frac{1}{2}$ "

BOWLS

Date installed April 1966 By Turley Pump Co.

Make Peerless Model 8 LB Serial no. 250120

Size 8" Stages 22 Length _____ Suction Strainer

DESIGN PERFORMANCE

GPM 275 RPM 1760 TDH 620 HP 60

GPM _____ RPM _____ TDH _____ HP _____

GPM _____ RPM _____ TDH _____ HP _____

ENGINE

Date installed 11-65 By Turley Pump Co.

Type Elect. Make U.S. Model _____ Serial no. 3831181

Cu. in. _____ B & S _____ HP 60 RPM 1760

GEAR

Date installed _____ By _____

Make _____ Model _____ Serial no. _____ HP _____

Shaft _____ Universals _____

Notes: 540' Air Line

(1) OWNER:
Name: [REDACTED]
Address: [REDACTED]

(2) LOCATION OF WELL:
County San Bernardino Owner's number, if any— (214)
R. F. D. or Street No. 100 ft. of 5th St. - 1000 ft North
of F St. Yucaipa.
Avenue F

(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 <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/>		Gage on Wall	If gravel packed		
From	to		Diameter of Bore	from ft.	to ft.
0	556	1 1/4			
556	590	5/16			

Type and size of shoe or well ring Bit Steel - 16" 3/4"
Describe joint All joints butt weld

(7) PERFORATIONS:
Type of perforator used Mills
Size of perforations 2 1/2 in., length, by 7/16 in.
From 320 ft. to 585 ft. 8 Perf. per row 1 Rows per ft.

(8) CONSTRUCTION:
Was a surface sanitary seal provided? Yes No To what depth 20 ft.
Were any strata sealed against pollution? Yes No If yes, note depth of strata
From _____ ft. to _____ ft.
Method of Sealing and formation Ring of concrete between casing

(9) WATER LEVELS:
Depth at which water was first found 310 ft.
Standing level before perforating 306 ft.
Level after perforating 305 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: TSPD

Total depth	ft.	Depth of completed well	ft.
0	ft. to 215	ft.	Hard brown gravelly clay.
215	328		Gray light sand and gravel some clay.
328	430		Rough gray, gravel and boulders, some clay.
430	456		Brown clay with gravel con- bedded.
456	532		Rough gravel with few clay streaks.
532	540		Brown clay with streaks of gravel.
540	563		Gray and brown, soft decomposed granite.
563	590		Hard gray decomposed granite.
	590		Hard blue granite.

Work started Nov. 2 1965. Completed Dec. 27 1965.

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 Kirkland Well Service (Person, firm, or corporation) (Type or printed)
Address 32291 Dunlap Blvd. Yucaipa, Calif.
[SIGNED] K. Kirkland Well Driller
License No. 16834 Dated Jan. 14, 1966

25/2W-11B2

Well 24
36-02322

WELL RECORD

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Company _____

Location 200 ft. E of 5th St. 900 ft No. of Ave. F. EVER 2440

NW 1/4 NE 1/4 Township 25 Range 2 W Section 11

Date drilled Dec. 1965 PIT By Kirkland
Depth 590 Diameter 16 Cable Tool Packed No

Diameter 16 Length 590 CASING Gauge 1/4
" " " " " "
Perforated interval 320 to 585 2 1/2 by 7/16

Diameter 8 Length 400 COLUMN Gauge std
" " " " " "

Tube diameter 3 Shaft diameter 1-11/16

Date installed June 66 BOWLS By Roberts
Make Johnston Model 14BC imp F Serial no. JY-2354
Size 14 Stages 12 Length _____ Suction 10 ft pipe strainer only

DESIGN PERFORMANCE
ACT GPM 850 RPM 1188 TDH 560 HP 15-0
GPM 750 RPM 1188 TDH _____ HP _____
GPM _____ RPM _____ TDH _____ HP _____

Date installed June 66 ENGINE By Roberts
Type Elec Make _____ Model _____ Serial no. _____
Cu. in. _____ B & S _____ HP 150 RPM 1160

GEAR
Date installed _____ By _____
Make _____ Model _____ Serial no. _____ HP _____
Shaft _____ Universals _____

Notes: 400 ft airline, plastic
P-61 Pump control valve installed. Warric automation to the
2nd. St. reservoir. Well has 10 min. blow off time for heavy
sand condition experienced for first 5-10 min.

TRIPPLICATE
Owner's Copy

MONITORING WELL NEXT TO WELL 27
not well 27

Well 27A
monitoring well
Do not fill in

STATE OF CALIFORNIA
THE RESOURCES AGENCY

25/2W-8F2

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 182242

Notice of Intent No. _____

Permit No. or Date 07208923

State Well No. _____

Other Well No. _____

(1) OWNER: Name _____
Address _____
City _____ Zip 92399

(12) WELL LOG: Total depth 207 ft. Depth of completed well 207 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 60 ft fine sand
60 - 150 ft medium & coarse sand, small gravel.
150 - 180 ft Blue Granite (Decompose).

(2) LOCATION OF WELL (See instructions):
County San Bernardino Owner's Well Number _____
Well address if different from above Wildwood Canyon
Township 2 S Range 1 W Section 8
Distance from cities, roads, railroads, fences, etc. _____
Assessors Parcel #322-212-30

(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

WELL LOCATION SKETCH
(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket
(6) GRAVEL PACK:
Yes No Size Pea Gravel
Diameter of bore 12 1/4
Packed from 20 to 207 ft.

(7) CASING INSTALLED: Steel Plastic Concrete
(8) PERFORATIONS:
Type of perforation or size of screen

From ft.	To ft.	Dis. in.	Gage or Wall	From ft.	To ft.	Slot size
<u>0</u>	<u>207</u>	<u>4 1/2</u>	<u>Sch 40</u>	<u>160</u>	<u>207</u>	<u>0.82</u>

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 20 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Bentonite

(10) WATER LEVELS:
Depth of first water, if known 65 ft.
Standing level after well completion _____ ft.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? _____
Type of test Pump Bailor Air lift
Time to water at start of test _____ ft. At end of test _____ ft.
Flow rate _____ 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

Work started 6-21 1989 Completed 6-23 1989

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 [Signature] (Well Driller)
NAME SoCal Pump & Well Service, Inc.
(Person, firm, or corporation) (Typed or printed)
Address 585 W. Valley Blvd
City Bloomington, California Zip 92316
License No. 510836 Date of this report Nov 1, 1989

WELL # 2

W/P DIST: 10.2

SAN BERNARDINO VALLEY WATER CONSERVATION DISTRICT
1/2 West Citrus Avenue - Redlands, California

WILLOWOOD
CAVIN

297
28
28

WELL LOG

28/1W - 9F-2
Well No. _____

Well Owner: _____

Location: _____

Drilled by Trower Date completed Dec. 1959

Drilling method Rotary

Total depth 289' Size of casing and depth 8" & 6" 289 Gauge _____ (Double) (Single)

Type of well _____

Struck water at _____, SWL before perforating _____ after perforating _____ (ft.)

Completion test data: SWL _____ PWL _____ Discharge _____ Hours run _____

Surface elev. 3145 Source of information _____

Perforations _____

Depth	Elev. Bot. of Stratum	Material	Thickness
0-2		Surface Soil	2
2-25		Coarse pea gravel	23
25-30		Coarse Sand	5
30-15		Gravel (small) and Sand	15
15-70		Decomposed Granite (soft) and Blue Shale	25
70-85		Fine Sand	15
85-200		Coarse sand and gravel with occasional rock	115
200-215		Light colored decomposed granite	15
215-289		Granite - broken	74
Standing water level 35' prior to casing and cleaning			
Casing:			
8" Id 130			
8" OD 130-160			
6" OD 160-289			
Pump Test January 1960			
Static W/L 140 Ft.			
100 GPM 80 Ft.			
125 GPM 95 Ft.			
150 GPM 113 Ft.			
170 GPM 141 Ft.			
Pump tested about 3 weeks before coming in			

Remarks:

3145'

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

Well # 33

Do Not Fill In
No 21869

State Well No. _____
Other Well No. 33 YUCWA

(1) OWNER:

Name _____
Address _____

(2) LOCATION OF WELL:

County _____ Owner's number, if any— _____
R. F. D. or Street No. _____
IVY ST. OFF BRYANT

(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 <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/>				Gage or Wall	If gravel packed		
From	ft. to	ft.	Diam.		Diameter of Bore	from ft.	to ft.
0	470		12				

Type and size of shoe or well ring _____
Describe joint _____
Size of gravel: _____

(7) PERFORATIONS:

Type of perforator used MILLS

Size of perforations	in.	length, by	in.
3/8		1 1/2	
From	ft. to	ft.	Perf. per row
340	460		5

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth 200 ft.
Were any strata sealed against pollution? Yes No If yes, note depth of strata _____
From 0 ft. to 200 ft.
Method of Sealing WELD PIPE SOLID

(9) WATER LEVELS:

Depth at which water was first found 300 ft.
Standing level before perforating 255 ft.
Standing level after perforating 245 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.
0	20		ROCK
20	50		SANDY CLAY
50	88		SANDY CLAY PEA GRAVEL
88	94		SANDY CLAY
94	97		ROCK
97	148		SANDY CLAY ROCK
148	197		SANDY CLAY
197	221		SANDY CLAY SMALL GRAVEL
221	366		SANDY CLAY ROCK
366	393		SANDY ROCK D G
393	455		D G CLAY
455	465		D G SAND ROCK CLAY
465	479		D G CLAY
479	496		SAND ROCK D G
			HARD

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 R. W. Drilling Inc.
Address 25525 Foothill Blvd. #100
[SIGNED] R. W. Drilling Inc.
License No. 231340
Dated 6/11/65

15/1W-20M1

DUPLICATE
Retain this copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do Not Fill In
No 104927

State Well No. _____
Other Well No. #36

OWNER:
Name _____
Address _____

(11) WELL LOG:
Total depth 440 ft. Depth of completed well 440 ft.
Formation: Describe by color, character, size of material, and structure
0 ft. to 60 ft.
Brown clay, gravel, boulders
60 155
Brown sandy clay, sharp gravel, few boulders
155 233
Brown sandy clay with small gravel embedded
233 251
Brown clay, sand, small gravel-tight
251 260
Brown clay, sand, small gravel-loose
260 430
Brown tight clay, sand, small gravel
430 440

(2) LOCATION OF WELL:
County San Bernardino Owner's number, if any 36
Township, Range, and Section T 1S; R 1W; Sec. 20
Distance from cities, roads, railroads, etc. 360' So. of center of Ivy Ave. 37' East of center of Jefferson St. Yuc.

(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:		If gravel packed		
From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.
0	443	12"	1/4"			

of shoe or well ring: 12 x 3/4 x 12" Size of gravel:
Describe joint: All joints butt weld

(7) PERFORATIONS OR SCREEN:
Type of perforation or name of screen: Mills

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
251	260	6	8" centers	5/16 x 2 1/2"
260	430	6	12" centers	5/16 x 2 1/2"

(8) CONSTRUCTION:
Was a surface sanitary seal provided? Yes No To what depth 50 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 12 sacks cement-sand mix, pumped

(9) WATER LEVELS:
Depth at which water was first found, if known 245 ft.
Standing level before perforating, if known 245 ft.
Standing level after perforating and developing 245 ft.

(10) WELL TESTS:
Was pump test made? Yes No If yes, by whom?
Flow: _____ 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

- Copies to:
- Directors
 - General Manager
 - Attorney
 - District Engineer
 - Consulting Engineer
 - Auditor
 - Superintendent
 - Agency
 - Shop

RECEIVED

FEB 18 1976

BY Y.V.C.W.D.

Date Routed

into annular space from 50' depth to surface.

Work started 12/18 19 75 . Completed 2/3 19 76

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 Kirkland Well Service
(Person, firm, or corporation) (Typed or printed)

Address 32291 Dunlap Blvd.
Yucaipa, Ca. 92399

[SIGNED] K. Kirkland
(Well Driller)

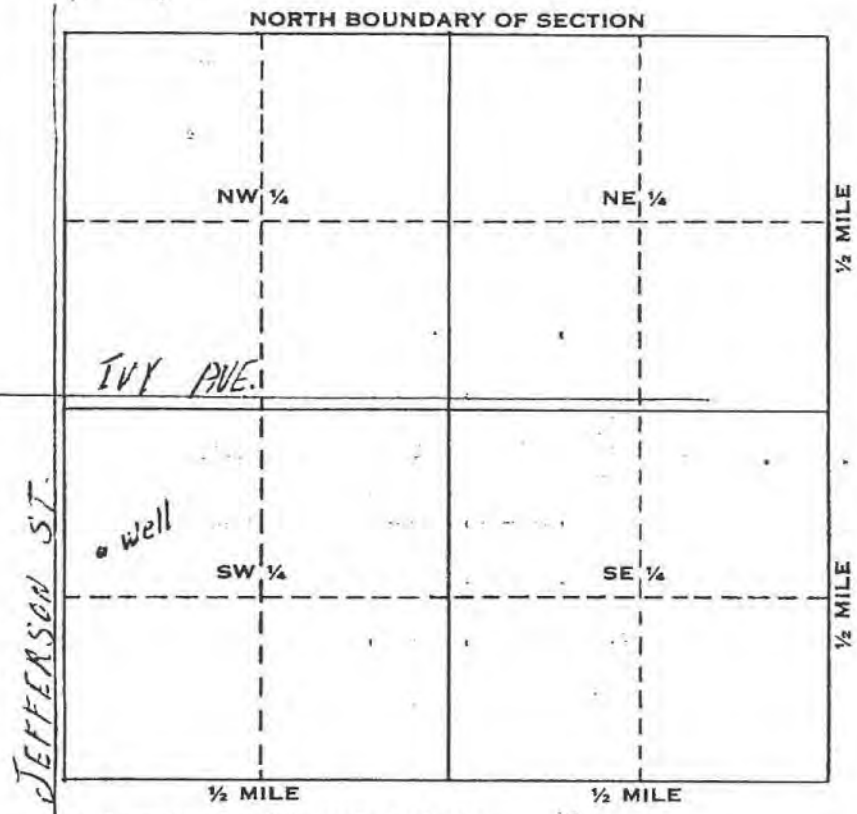
License No. 168847 Dated Feb. 14 19 76

To be in future

SKETCH LOCATION OF WELL ON REVERSE SIDE

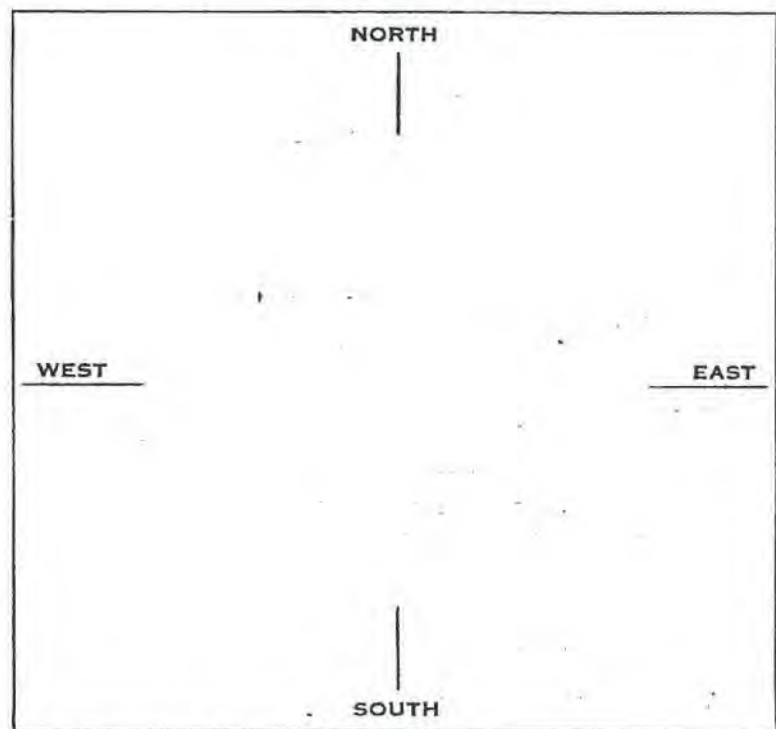
YUCAIPA AREA

WELL LOCATION SKETCH



Township 1 N/S
 Range 1 E/W
 Section No. 20

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.

15/1W-20M

DUPLICATE
Retain this copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do Not Fill In

No 104927

State Well No. Well #36

Other Well No.

(1) OWNER:

Name [Redacted]
Address [Redacted]

(11) WELL LOG:

Total depth 440 ft. Depth of completed well 440 ft.

Formation: Describe by color, character, size of material, and structure
0 ft. to 60 ft.

Brown clay, gravel, boulders

60 155

Brown sandy clay, sharp gravel, few boulders

155 233

Brown sandy clay with small gravel embedded

233 251

Brown clay, sand, small gravel-tight

251 260

Brown clay, sand, small gravel-loose

260 430

Brown tight clay, sand, small gravel

430 440

Blue decomposed granite

(2) LOCATION OF WELL:

County San Bernardino Owner's number, if any 36
Township, Range, and Section T 1S; R 1W; Sec. 20
Distance from cities, roads, railroads, etc. 360' So. of center of Ivy Ave. 33' East of center of Jefferson St. Ync.

(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

If gravel packed

From ft.	To ft.	Diam.	Gravel or Wall	Diameter of Bore	From ft.	To ft.
0	443	12"	1/4"			

Size of shoe or well cing: 12 x 3/4 x 12" Size of gravel:

Describe joint: All joints butt weld

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen: Mills

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
251	260	6	8" centers	5/16 x 1/2
260	430	6	12" centers	5/16 x 1/2

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes No To what depth 50 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: 12 sacks cement-sand mix, pumped

(9) WATER LEVELS:

Depth at which water was first found, if known 245 ft.

Standing level before perforating, if known 245 ft.

Standing level after perforating and developing 245 ft.

(10) WELL TESTS:

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

g. 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

To be in future

SKETCH LOCATION OF WELL ON REVERSE SIDE

- Copies to:
- Directors
 - General Manager
 - Attorney
 - District Engineer
 - Consulting Engineer
 - Auditor
 - Superintendent
 - Agenda
 - Shop

RECEIVED

FEB 18 1976

BY Y.V.C.W.D.

File
Date Routed

Work started 12/18 19 75, Completed 2/3 19 76

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 Kirkland Well Service

(Person, firm, or corporation) (Typed or printed)

Address 32291 Dunlap Blvd.

Yucaipa, Ca. 92399

[SIGNED]

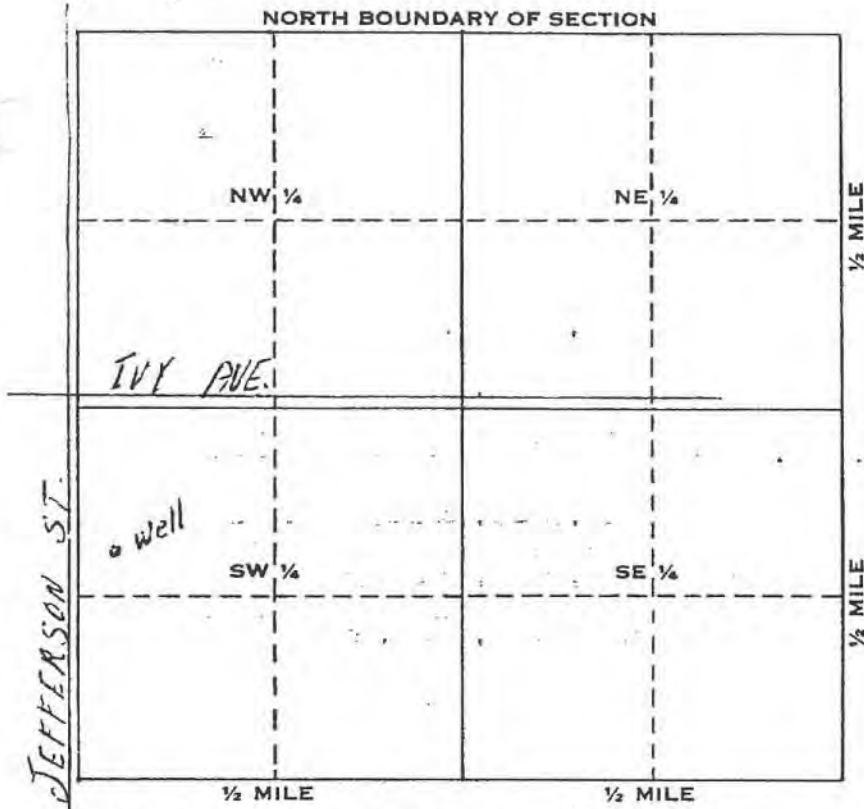
K. Kirkland
(Well Driller)

License No. 168847

Dated Feb. 14, 19 76

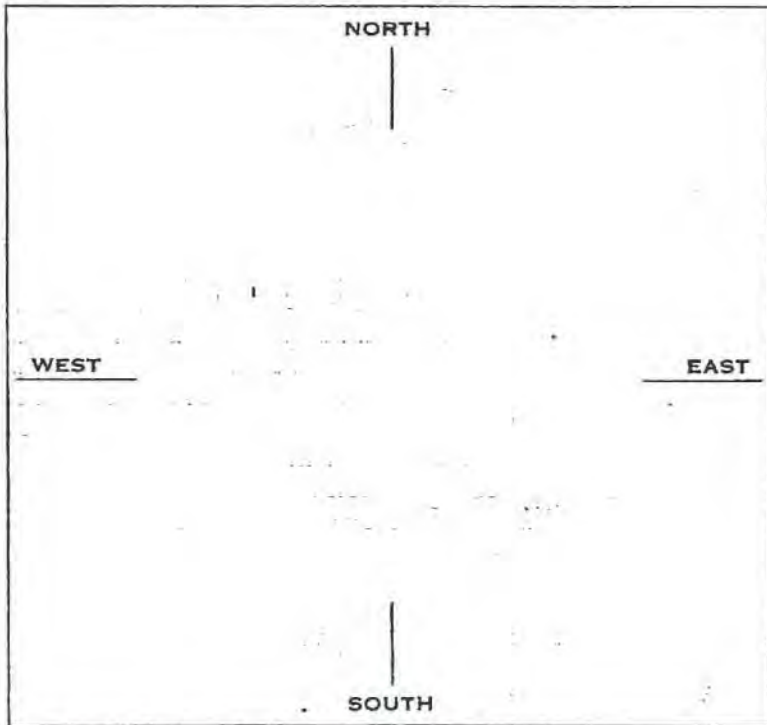
YUCAIPA AREA

WELL LOCATION SKETCH



Township 1 N/S
Range 1 E/W
Section No. 20

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.

DUPLICATE
Driller's Copy

(2S/1W-17F1)

(well)

(39)

Do not fill in

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 069230

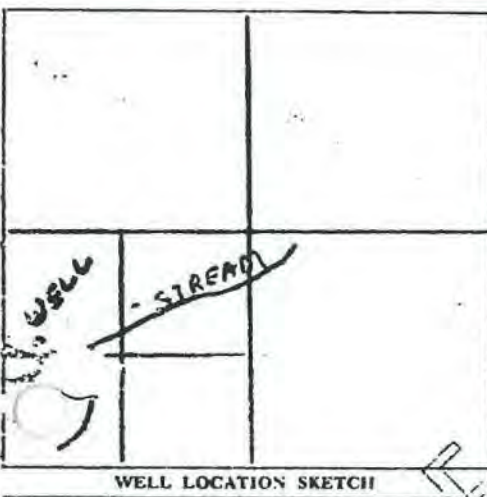
Permit No. _____
License Permit No. or Date 9024

State Well No. _____
Other Well No. 12412

(1) OWNER: Name _____
Address _____
City _____ Zip _____
(2) LOCATION OF WELL (See instructions):
County Riverside Owner's Well Number _____
Well address if different from above _____
Township 28 Range 1W Section 17
Distance from cities, roads, railroads, fences, etc. mt. SW

(12) WELL LOG: Total depth 540 ft. Depth of completed well 340

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	10	Top soil
10	13	Sand
13	16	Loam
16	33	Clay
33	48	Sand & clay
48	90	Rock
90	75	Clay
75	81	Rock
81	96	Clay & rock
96	180	Blue granite
180	185	Quartz & decomposed granite
185	205	Granite
205	220	Sandstone
220	255	Granite
255	272	Clay
272	540	Granite with fractured areas of about 4 ft. depths at 358, 380, 446 with quartz, 481, 510, and 519, General fracture at 340



(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 5/16 x 7/8
 Diameter of bore to 4 1/2 in 10"
 Packed from 50 to 413 ft.

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Gauge or Wall
0	413	6.5	8.188
73	93		
113	133		
153	173		

(8) PERFORATIONS:

From ft.	To ft.	Slot size
193	253	6 rows
273	293	12 cuts
313	333	2 1/8" x 1/8"
353	413	

(9) WELL SEAL:
 Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
 Were strata sealed against pollution? Yes No Internal _____ ft.
 Method of sealing: cement grout

(10) WATER LEVELS:
 Depth of first water, if known 45 ft.
 Standing level after well completion 30 ft.

(11) WELL TESTS:
 Was well test made? Yes No If yes, by whom? driller
 Type of test: Pump Bailor Air lift
 Depth of water at start of test 75 ft. At end of test _____ ft.
 Flow rate _____ gal/min after _____ hours. Water temperature _____
 Was test made? Yes No If yes, by whom? _____
 Was test made? Yes No If yes, attach copy to this report

Work started Jan. 22 19 80 Completed Feb. 6 19 80

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: Donald B. Truett
 (Well Driller)
 NAME: AMERICAN DRILLING, INC.
 (Person, firm, or corporation) (Typed or printed)
 Address: 104 W. Main
 City: Aguaanga, CA Zip: 92302
 License No. 324684 Date of this report: Feb. 3, 1980

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

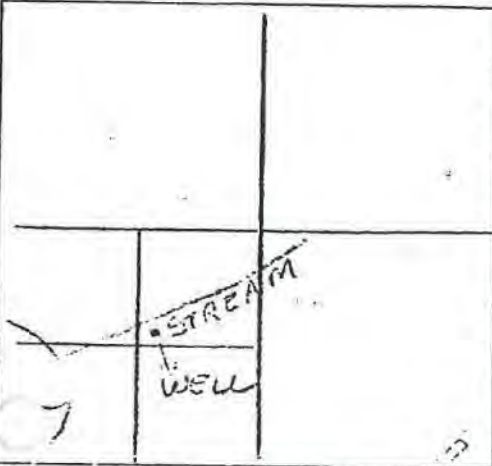
YVWD #40
Do not fill in
No. 218802

No. of Intent No. _____
Permit No. or Date _____

State Well No. _____
Other Well No. Well #3

(1) OWNER: Name _____
Address _____
City _____ Zip 92320

(2) LOCATION OF WELL (See instructions):
County Riverside Owner's Well Number _____
Well address if different from above _____
Township 2S Range 1W Section 17
Distance from cities, roads, railroads, fences, etc. _____
1/4 mi 2 1/4 mi



(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

(12) WELL LOG: Total depth 349 ft. Depth of completed well 349

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	13	Soft dirt
13	26	Fractured white rock
26	28	Brown clay
28	35	Gray clay
35	145	Fractured white rock with water increasing at 60', 100', & 120'
145	150	Very fractured
150	162	Firm to hard white rock
162	165	Fractured
165	180	Firm to hard white rock w/ increase in water
180	195	Firm to hard black rock
195	201	Firm to hard white rock
201	204	Fractured
204	209	Firm to hard
209	212	Fractured w/ more water
212	220	Fairly hard granite
221	224	Fractured
225	234	Firm to hard gray granite, w/ increase in water
234	245	Light fracture
245	255	Granite with increase in water
255	260	Heavily fractured with water
260	264	Fairly hard
264	295	Fractured white rock w/ increase in water
295	349	Dark gray rock, fractured

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket
(6) GRAVEL PACK:
Yes No Size 5/16 x 1/4
Diameter of bore 10"
Packed from 50 to 349 ft.

(7) CASING INSTALLED:
Steel Plastic Concrete
(8) PERFORATIONS:
Type of perforation or size of screen _____

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	349	6-5/8	188	69	349	6 rows
						12 cuts
						2 1/2 x .120

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing cement grout

(10) WATER LEVELS:
Depth of first water, if known 40 ft.
Standing level after well completion 29 ft.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? driller
Type of test Pump Bailor Air lift
Depth to water at start of test _____ ft. At end of test _____ ft.
Flow 100+ gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes No If yes, by whom? _____
Electric log made? Yes No If yes, attach copy to this report

Work started Dec. 12, 1980 Completed Dec. 19, 1980
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 Arnold B. Jewell (Well Driller)
NAME AMERICAN DRILLING, INC.
(Person, firm, or corporation) (Typed or printed)
Address 104 W. Main,
City Aguanga, CA Zip 92302
License No. 324624 Date of this report Dec. 22, 1980

TRIPPLICATE
Owner's Copy

1S/2W-36A01

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 217102

Permit No. 195450

Permit No. or Date 02098204

State Well No.

Other Well No. #44

(1) OWNER:

Address [Redacted]
City San Bernardino, Cal. Zip 92412

(2) LOCATION OF WELL (See instructions):

County San Bernardino Owner's Well Number
Well address if different from above
Township 1S Range 2W Section 36
Distance from cities, roads, railroads, fences, etc.

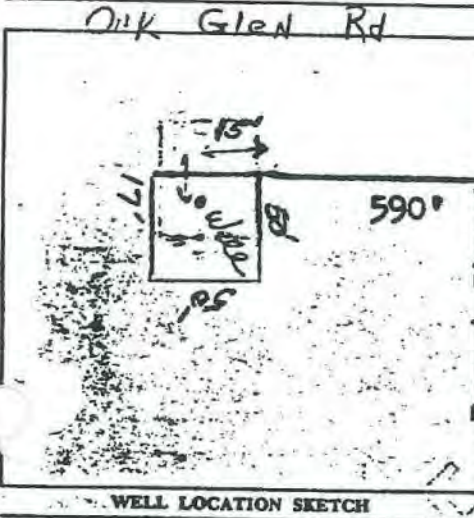
Water District

WELL LOG: Total depth 660 ft. Depth of completed well 660
from ft. to ft. Formation (Describe by color, character, size or material)

0 - 50	fine sand with large rock mixed
50 - 65	fine sand with large rock size of hand.
65 - 110	medium & coarse sand mixed
110 - 120	Medium & coarse sand with small rock, mixed
120 - 180	Medium & coarse sand with small gravel & short streaks of sandy clay
180 - 320	Medium & coarse sand with small gravel
320 - 360	Medium & Coarse sand, dark
360 - 380	Med. & coarse sand with short streak of brown clay
380 - 660	Decomposed granite

(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



WELL LOCATION SKETCH

(5) EQUIPMENT:

- Rotary Reverse
- Cable Air
- Other Bucket

(6) GRAVEL PACK: 5/16 x 16

- Yes No Size
- Diameter of bore 22"
- Packed from 0 to 660 ft.

(7) CASING INSTALLED:

- Steel Plastic Concrete

(8) PERFORATIONS:

Roscoe Moss Louver

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	50	7 1/2"	5/16"	275	650	1/8" Std.
0	660	7 1/2"	5/16"			

(9) WELL SEAL:

- Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
- Were struts sealed against pollution? Yes No Interval _____ ft.
- Method of sealing cement grout

(10) WATER LEVELS:

Depth of first water, if known _____ ft.
Standing level after well completion 311'

(11) WELL TESTS:

- Was well test made? Yes No If yes, by whom? C.V. Pump
- Type of test Pump Baller Air lift
- Depth to water at start of test 311 ft. At end of test 386 ft.
- _____ gal/min after 24 hours Water temperature _____
- _____ analysis made? Yes No If yes, by whom?
- Electric log made? Yes No If yes, attach copy to this report

Work started 2/14 19 82 Completed 5/20/82

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 Coachella Valley Pump & Supply, Inc. (Well Driller)

NAME [Signature] (Person, firm, or corporation) (Typed or printed)

Address P.O. Drawer 000

City Indio, Calif. Zip 92202

License No. 464541 Date of this report 8/9/82



WELL ENGINEERING SURVEYS
ELECTRIC LOG

FILING NO		COMPANY <u>McCALLA BROS.</u>	
WELL <u>#46</u>		FIELD <u>YUCAIPA</u>	
STATE <u>CALIFORNIA</u> COUNTY <u>SAN BERNARDINO</u>		LOCATION <u>2ND ST @ OAK GREEN RD.</u>	
SEC _____ TWP _____ RGE _____		OTHER SERVICES <u>NONE</u>	
Permanent Datum: <u>GROUND LEVEL</u> Elev. _____		Elev. <u>K.B.</u>	
Log Measured From: <u>G.L.</u> @ _____ PL Above Perm. Datum		D.F. _____	
Drilling Measured From: <u>GROUND LEVEL</u>		G.L. _____	
Date	<u>3/16/88</u>		
Run No.	<u>ONE</u>		
Depth—Driller	<u>1155'</u>		
Depth—Logger	<u>1155'</u>		
Btm Log Inter.	<u>1154'</u>		
Top Log Inter.	<u>100'</u>		
Casing—Driller	<u>36" @ 50'</u>		
Casing—Logger	<u>NOT REACHED</u>		
Bit Size	<u>17.5"</u>		
Type Fluid in Hole	<u>WATER</u>		
Dens. Visc.	<u>N/A</u>		
pH Fluid Loss	<u>N/A</u> ml		
Source of Sample	<u>PT</u>		
R ₁₀₀ @ Meas. Temp.	<u>22.0 @ 63 °F</u>		
R ₂₀₀ @ Meas. Temp.	<u>22.0 @ 63 °F</u>		
R ₃₀₀ @ Meas. Temp.	<u>N/A @ °F</u>		
Source: R ₁₀₀ R ₂₀₀	<u>MEAS.</u>		
R ₁₀₀ @ BHT	<u>N/A @ °F</u>		
Time Since Circ.	<u>2 HOURS</u>		
Max. Rec. Temp.	<u>N/A</u> °F		
Equip. Location	<u>DU-1 L.A.</u>		
Recorded By	<u>RIDDER</u>		
Witnessed By			

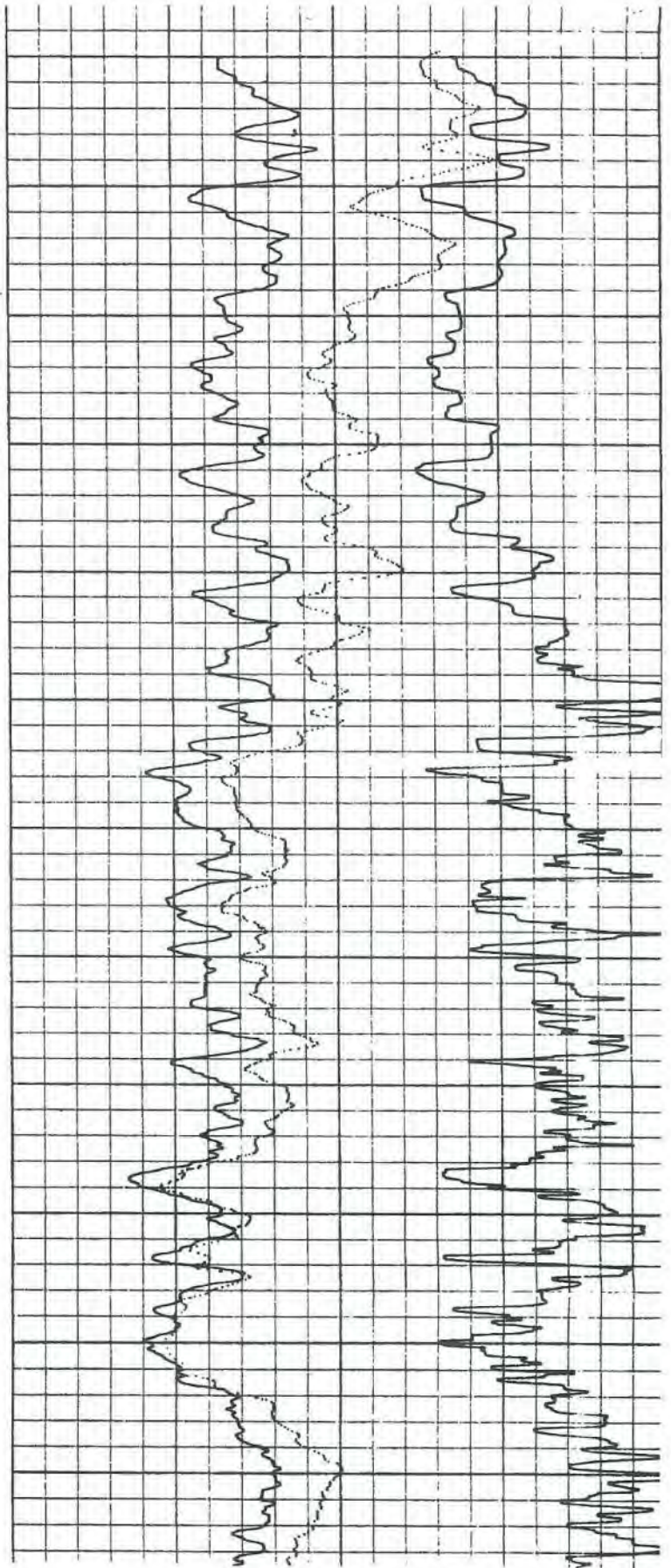
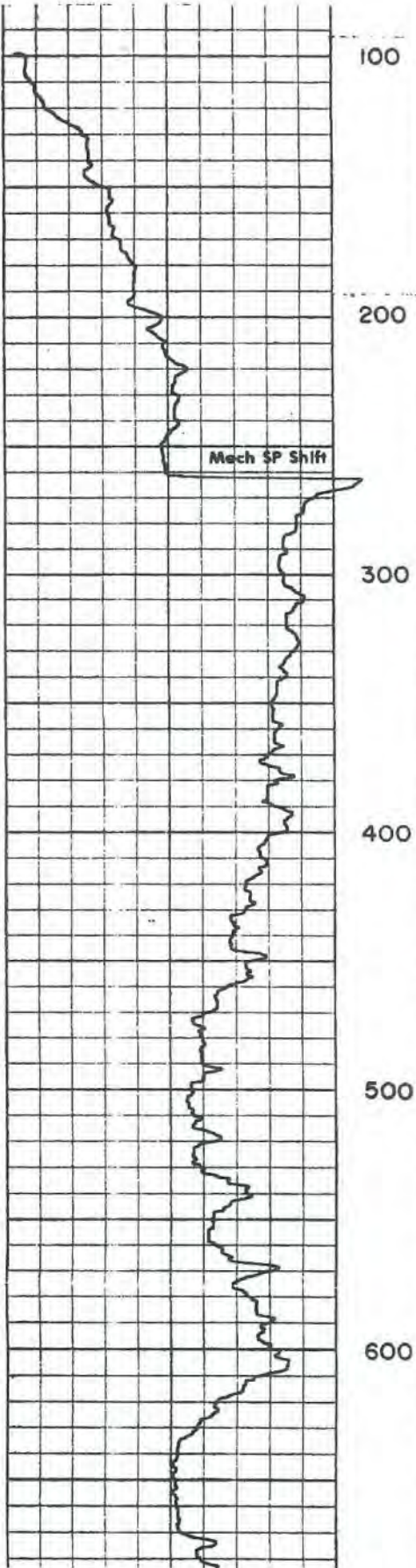
FIELD PRINT

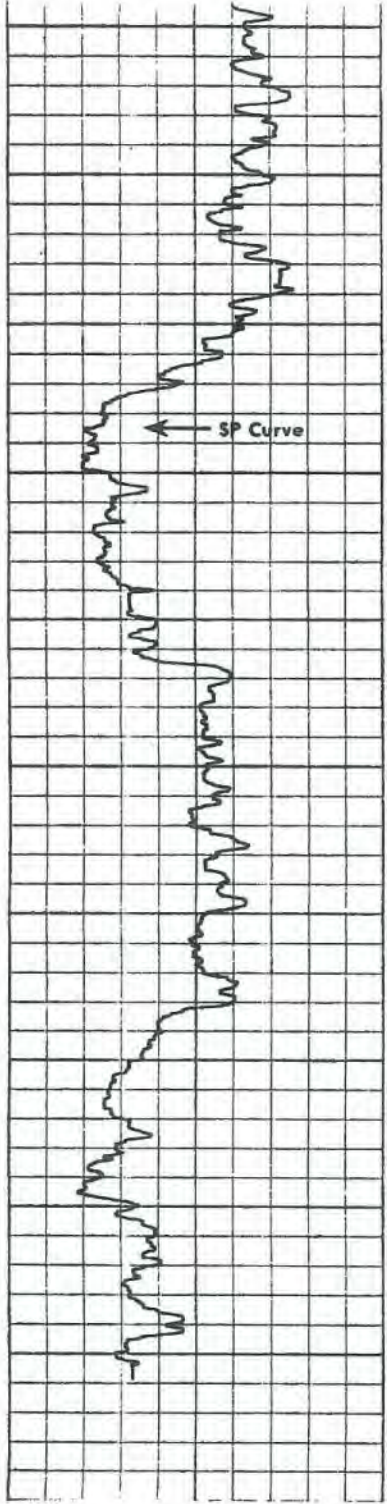
This Heading and I. & J. conform to API RP 31. E

Date Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole	Equipment Data		
					Run No.	Tool Type	Tool Position
	<u>E-LOG</u>		<u>0-500-0-1155</u>	<u>0-200-0-1155</u>	<u>ONE</u>	<u>NORMAL</u>	<u>FREE</u>
Dens. Visc.							
ph Fluid Loss							
Source of Sample							
R ₁₀₀ @ Meas. Temp.							
R ₂₀₀ @ Meas. Temp.							
R ₃₀₀ @ Meas. Temp.							
Source: R ₁₀₀ R ₂₀₀							
R ₁₀₀ @ BHT							
R ₂₀₀ @ BHT							
R ₃₀₀ @ BHT							

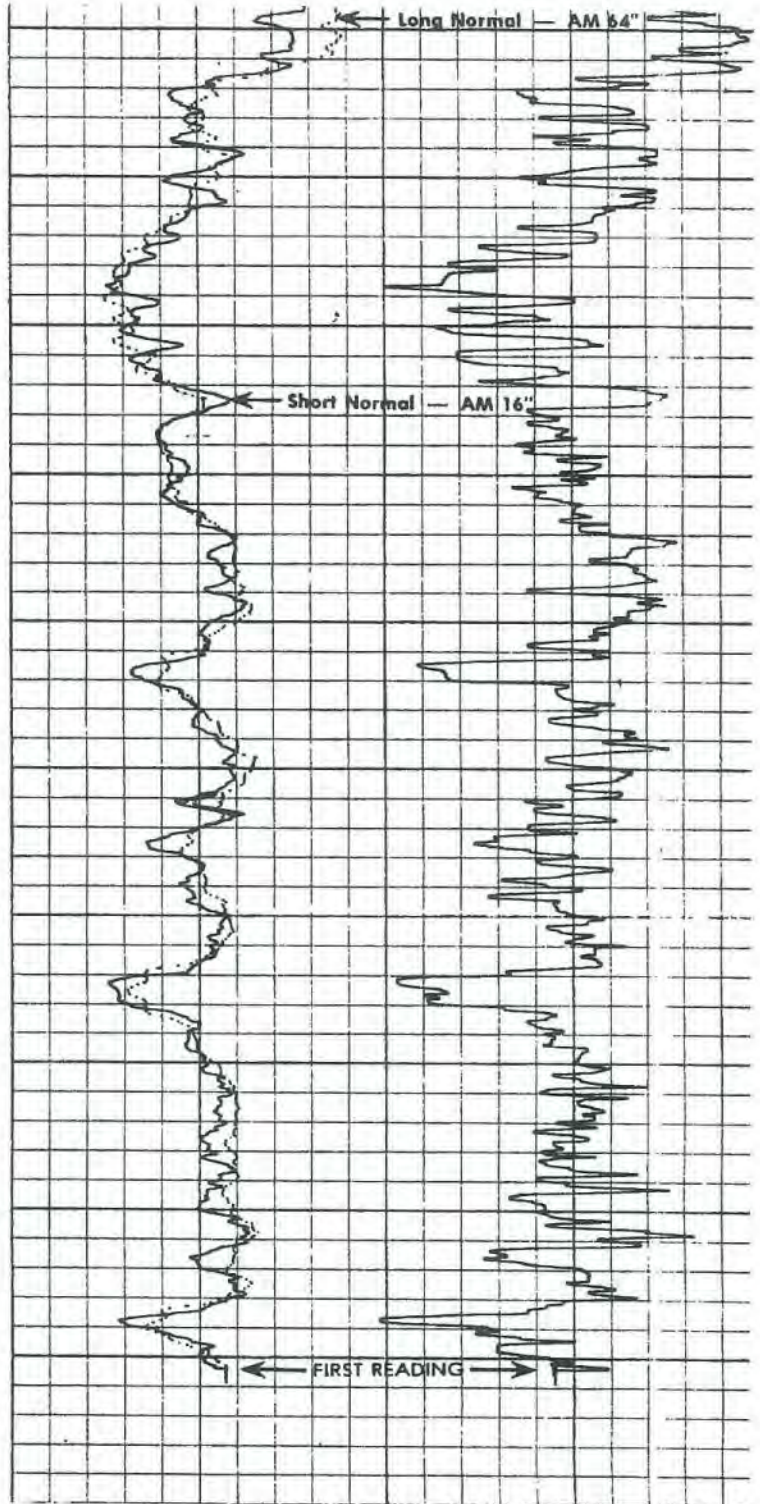
SPONTANEOUS POTENTIAL millivolts	Depths	RESISTIVITY ohms. m'/m	
		SHORT NORMAL 16 inch	LONG NORMAL 64 inch
10 + -		0	0
		200	200

15/2W - 36 G1
WU 46





700
800
900
1000
1100



162

Do Not Fill In

WELL PERMIT

Permit No. 01262808
 Expiration 1-26-79
 FF _____
 FA _____
 SN _____

PLEASE PRINT: Job # 5113

Well # 46

1. OWNER: Name _____
 Mailing Address _____
 City Yucaipa Zip _____
 Phone No. (714) 797-5117

2. DATE OF WORK (approximate):
 Start 2/15/88 Complete 4/1/88

3. WELL DRILLER (Check One):
 Owner Contractor McCalla Bros.
 Name

4. WELL USE (check):
 Community Industrial
 Individual Test
 Agricultural Other
 Dairy Horizontal

TYPE OF WORK (check):
 New Reconstruction Destruction

Items 6 through 10 to be estimated for new wells, and exact for all other wells.

6. ANNULAR SEAL: Depth 50 ft.
 Furnished by: Owner Contractor
 Driven Conductor Dia. 32 in., Wall (Gage) .250
 Sealing Material concrete, Thickness 4 in.

7. DEPTH OF WELL (feet):
 Proposed 800 Existing _____
 DIAMETER OF BORE (in.): 28

8. CASING INSTALLED:
 Steel Plastic Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	500	<u>250 16"</u>	<u>.250</u>
500	800	<u>250 16"</u>	<u>.250 perforated</u>

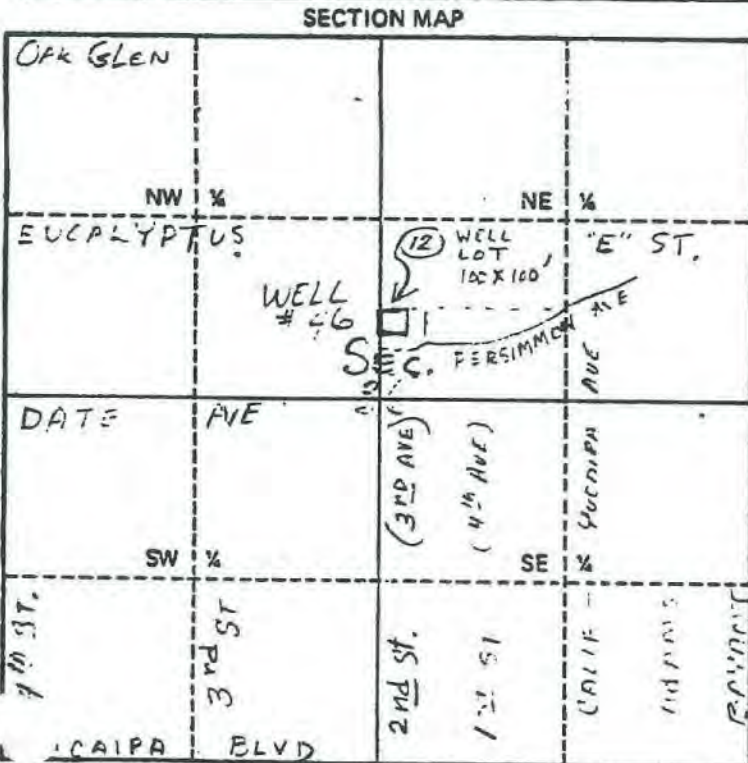
GRAVEL PACK: Yes No
 From 0 to 800 ft.

9. PERFORATIONS (if applicable):
 From 500 to 800 ft.

10. SEALED ZONES (if applicable):
 From 0 to 50 ft.

11. GENERAL LOCATION MAP: 31-C4

- (a) Sketch location of well, name(s) and location of road(s) on section map.
 (b) Township 15 N/S Range 11 E/W
 Section 21
 (c) Assessor's Parcel No. 303-191-12
 (d) Solid or liquid waste disposal site within two miles?
 Yes No
 Location: _____



Do Not Fill In	
Fee Stamp	Date Stamp
DATE <u>1-8-88</u>	
AMOUNT <u>256.07</u>	
RECEIPT NO. <u>21082 1-2</u>	
BY: <u>[Signature]</u>	
PAID	

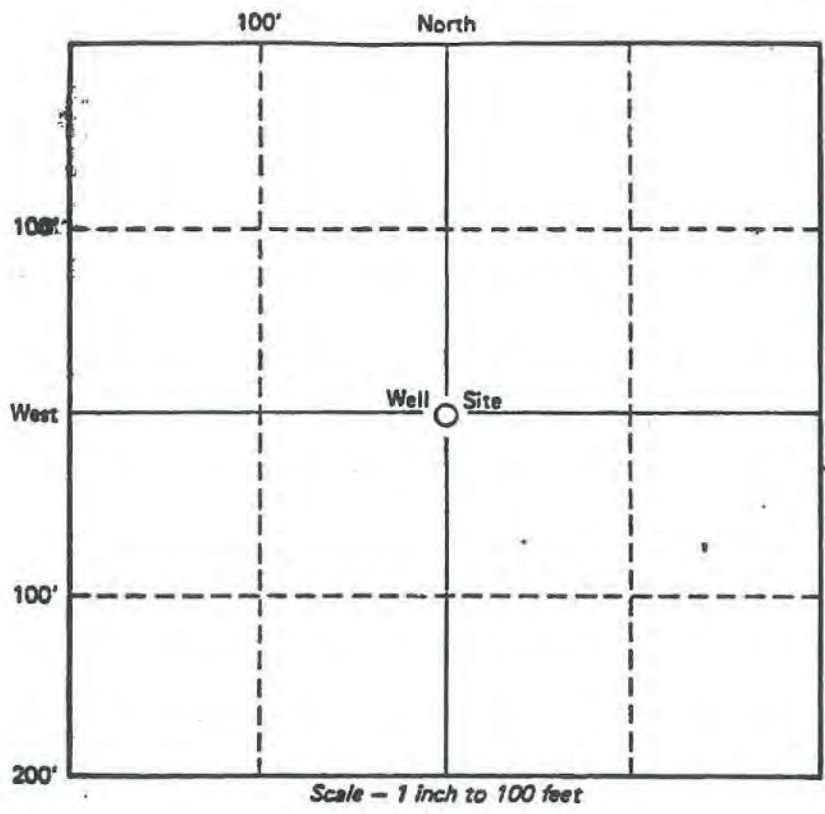


REDLANDS Scale - 1 inch to 1/4 mile
 03-14785-631 Rev. 11/82

Continue on Reverse Side
 AS A.I.A.V.

Well Permit

1 of 2



12. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells _____
 - Sewers _____
 - Septic tanks _____
 - Leaching fields _____
 - Seepage pits _____
 - Cesspools _____
 - Lakes and ponds _____
 - Water courses _____
 - Animals or fowl kept _____
- NONE OF THE ABOVE

13. I have read this application and agree to comply with all laws regulating the type of work being performed. The California Labor Code requires Workers' Compensation Insurance as a prerequisite to permit issuance unless the applicant signs the following certificate:

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation laws of California.

Owner's Signature _____ Date _____

Contractor's Signature Bill Brown Date 1/15/88 Reg. No. _____

DISPOSITION OF PERMIT
(Do Not Fill In)

Approved subject to the following: Standard (714) 387-4666, twenty-four (24) hours in advance

A. Notify the Department _____ to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- Verify the depth of the conductor (outer) casing prior to further drilling and installation of the inner casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B. Submit to the Department within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacteriological Analysis
- Inorganic Chemical Analysis

C. Other _____

DENIED _____

15/2W-36G1

Well 46

143

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in
No. 158791

Permit No. _____
Permit No. or Date _____

State Well No. _____
Other Well No. _____

(1) OWNER: Name _____
Address _____
City _____ Zip **92399**

(2) LOCATION OF WELL (See instructions):
County **San Bernadino** Owner's Well Number **46**
Well address if different from above _____
Township **1S** Range **2W** Section **36**
Distance from cities, roads, railroads, fences, etc.
50' E. of 2nd St.
350' N. of Persimmon

(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

WELL LOCATION SKETCH

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket
(6) GRAVEL PACK:
Yes No Size **Brawley 4x8**
Diameter of bore **28"**
Packed from **0** to **1150** ft.

(7) CASING INSTALLED:
Steel Plastic Concrete
(8) PERFORATIONS:
R/M Horizontal Louvre

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	340	16	.250	1		
340	800	16	.250	340	800	.060
800	1130	16	.312	800	1130	.060

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth **50** ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing **32" Conductor Cemented in 40" Bore**
(10) WATER LEVELS:
Depth of first water, if known _____ ft.
Standing level after well completion _____ ft.
(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? **McCalla Bros.**
Type of test **Pump** Bailer Air lift
Depth to water at start of test **187** ft. at end of test **321** ft.
Flow rate **2800** gal/min after **10** hours
Water temperature _____
Chemical analysis made? Yes No If yes, by whom? **Y.V.W.D.**
Electric log made? Yes No If yes, by whom? _____
Number of copies to this report _____

(12) WELL LOG: Total depth **1154** ft. Depth of completed well **1150** ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0	50	Conductor
50	64	Sand, Gravel & Sm. & Med. Rock
64	73	Fine Sand, Gravel & Clay
73	107	Fine Sand, Gravel & Small Rock
107	123	Fine Sand
123	132	Gravel & Rock
132	140	Gravel & Boulders
140	152	Fine Sand & Gravel
152	166	Cemented Sand & Gravel
166	205	Sand, Sm. & Med. Gravel & Sm. Rock
205	208	White Granite Ledge
208	272	Sand Gravel, Rock & Clay
272	274	Small Boulders
274	279	Sand, Gravel & Rocks
279	282	Boulders
282	292	Sand, Gravel & Rocks
292	298	Rocks & Boulders
298	302	Sand, Gravel & Rocks
302	310	Sand, Clay & Sm. Gravel
310	314	Granite, Boulders
314	328	Sand, Gravel & Clay
328	342	Sand, Gravel, Sm. & Med.
342	354	Sand, Gravel & Boulders
354	372	Sand, Gravel & Clay
372	390	Sand, Gravel & Sm. Rocks
390	414	Sand, Gravel, Sm. Rocks & Clay
414	426	Sm. Boulders & Large Rocks
426	448	Sand, Gravel & Clay
448	450	Sm. Boulders
450	470	Sand, Gravel, Sm. Boulders & Rocks
470	553	Sand, Sm. Gravel
553	586	Sand, Sm. & Med. Gravel
586	596	Sand, Gravel w/Clay
596	604	Fine Sand
604	613	Fine Sand, & Sm. Gravel
613	636	Gravel & Large Rocks
636	640	Rock Boulder
640	644	Boulders

Work started **3-3** 19 **88** Completed **4-1** 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 **McCalla Bros., Division of Layne Western C**
(Person, firm, or corporation) (Typed or printed)
Address **3132 W. 17th St.**
City **Santa Ana, CA** Zip **92703**
License No. **510011** Date of this report **8-10-88**

QUADRUPLICATE
Use of comply with
local requirements

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 157622

Intent No. _____
Lic. Permit No. or Date 12809

State Well No. 252W-13P
Other Well No. _____

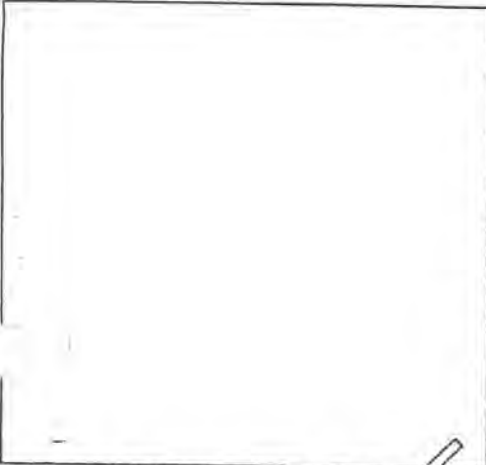
Herbert

(1) OWNER: Name _____
Address _____
City Redlands, CA Zip 92373

(2) LOCATION OF WELL (See instructions):
County Riverside Owner's Well Number _____
Well address if different from above _____
Township _____ Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth _____ ft. Depth of completed well _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0-20 soft sandy topsoil to sandy & grav
20-40 colored gravel & sand some bould
40-60 colored gravel & sand
60-80 colored gravel & sand (pit drop)
80-100 colored gravel & some grey clay
100-120 firm grey clay & sand
120-140 brown clay & sand (hard)
140-160 brown clay & sand stone
160-180 brown clay sand stone
180-200 hard clayish ((brown) sandstone
200-220 Hard brown clayish sandstone
220-240 hard sandstone & clay
240-260 hard sandstone some clay
260-280 hard sand stone some clay
280-300 hard sand stone some clay



(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

WELL LOCATION SKETCH

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

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

(7) CASING INSTALLED:
Steel Plastic Concrete

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

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	300	4		300	100	1/8
				100	0	1/8

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 20 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing driven steel

(10) WATER LEVELS:
Depth of first water, if known 180 ft.
Standing level after well completion _____ ft.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? JJWP
test Pump Bailer Air lift
to water at start of test _____ ft. At end of test _____ ft.
10+ gal/min after _____ hours Water temperature _____
analysis made? Yes No If yes, by whom? _____
Electric log made? Yes No If yes, attach copy to this report

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.

SIGNED _____ (Well Driller)
NAME Jack Jones Wells & Pumps
(Person, firm, or corporation) (Typed or printed)
Address P.O. Box 2031
City Hemet, CA 92343
License No. 436011 Date of this report 7-29-85

well #78

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 341080

Notice of Intent No. 243716
Local Permit No. or Date 016174

025/02W-24LOTS ^{L025}

State Well No. 025/02W-24LOT 5
Other Well No. _____

(1) OWNER: Name _____
Address _____
City Yucaipa, CA ZIP 92399
(2) LOCATION OF WELL (See instructions):
County Riverside Owner's Well Number 48
Well address if different from above Singleton Road
Township 2S Range 2W Section 24
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth <u>1230</u> ft. Completed depth <u>1180</u> ft.	
from ft.	to ft. Formation (Describe by color, character, size or material)
0	30 Sand & gravel
30	32 Silty clay and sand
32	63 Sand & gravel
63	115 Silty clay and sand
115	129 Sand and gravel
129	137 Silty clay with sand
137	150 Sand and gravel
150	162 Silty clay
162	188 Sand and gravel
188	201 Sand, gravel and cobbles
201	224 Silty clay with sand
224	243 Sand, gravel and cobbles
243	258 Silty clay with sand
258	286 Sand, gravel and cobbles
286	321 Silty clay with sand
321	338 Sand and gravel
338	371 Silty clay with sand
371	385 Silty clay (greenish)
385	414 Sand and gravel
414	451 Sand and gravel (rough)
451	508 Sand and gravel
508	545 Sand, gravel and silt
545	562 Sand, gravel and silty clay
562	574 Sand and gravel
574	598 Silty clay with sand
598	671 Sand and gravel
671	711 Silty clay with sand
711	757 Sand and gravel
757	770 Sand and gravel
770	783 Silty clay
783	825 Sand and gravel
825	860 Silty clay with interbedded sand layers
860	875 Silty clay, more sand
875	1132 Silty clay with interbedded sand layers
1132	1161 Sand & gravel with silty clay
1161	1230 Silty clay with sand

(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)

WELL LOCATION SKETCH

(5) EQUIPMENT
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK
Yes No
Size 4
Diameter of bore 4
Feet of run 1180

(7) CASING INSTALLED
Steel Plastic Concrete

(8) PERFORATIONS
Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	380	16 5/8	5/16	380	870	.060
870	930	"	"	930	1180	.060
1160	1180	"	"			

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes to depth 50 ft.
Were struts sealed against pollution? Yes No Interval _____ ft.
Method of sealing concrete grout

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

(11) WELL TESTS:
Was well log made? Yes No If yes by whom? _____
Type of test Pump Bailor 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

Work started 2-12 19 90 Completed 3-9 19 90

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 Gary S. Hall, Jr. Well Driller
NAME Howard Pump, Inc.
(Person, firm, or corporation) (Typed or printed):
Address P.O. Box 1249 ZIP _____
City Barstow, CA License No. _____ Date of this report 92312-1249

MM #48

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 341080

Notice of Intent No. 243716
Local Permit No. or Date 016174

2S/2W - 74L2

State Well No. _____
Other Well No. _____

(1) OWNER: Name _____
Address _____
City Yucaipa, CA ZIP 92399

(2) LOCATION OF WELL (See instructions):
County Riverside Owner's Well Number 48
Well address if different from above Singleton Road
Township 2S Range 2W Section 24
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 1230 ft Completed depth 1180 ft

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	30	Sand & gravel
30	32	Silty clay and sand
32	63	Sand & gravel
63	115	Silty clay and sand
115	129	Sand and gravel
129	137	Silty clay with sand
137	150	Sand and gravel
150	162	Silty clay
162	188	Sand and gravel
188	201	Sand, gravel and cobbles
201	224	Silty clay with sand
224	243	Sand, gravel and cobbles
243	258	Silty clay with sand
258	286	Sand, gravel and cobbles
286	321	Silty clay with sand
321	338	Sand and gravel
338	371	Silty clay with sand
371	385	Silty clay (greenish)
385	414	Sand and gravel
414	451	Sand and gravel (rough)
451	508	Sand and gravel
508	545	Sand, gravel and silt
545	562	Sand, gravel and silty clay
562	674	Sand and gravel
674	698	Silty clay with sand
698	711	Sand and gravel
711	757	Silty clay with sand
757	770	Sand and gravel
770	783	Silty clay
783	825	Sand and gravel
825	860	Silty clay with interbedded sand layers
860	875	Silty clay, more sand
875	1132	Silty clay with interbedded sand layers
1132	1161	Sand & gravel with silty clay
1161	1230	Silty clay with sand

(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)

WELL LOCATION SKETCH

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No
Size 4 X 8
Diameter of bore 26"
Packed from 0 to 1180 ft

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Gage or Wall
0	380	4 5/8	5/16
870	930	"	"
1160	1180	"	"

(8) PERFORATIONS

From ft.	To ft.	Slot size
380	870	.060
930	1160	.060

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 50 ft
Were strata sealed against pollution? Yes No Interval _____ ft
Method of sealing concrete grout

(10) WATER LEVELS:
Depth of first water, if known _____ 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

Work started 2-12 19 90 Completed 3-9 19 90
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 Gary S. Hall, Jr. (Well Driller)
NAME Howard Pump, Inc. (Person, firm, or corporation) (Typed or printed)
Address _____
City P.O. Box 1249 ZIP _____
License No. Barstow, CA Date of this report 92312-1249

25/2W-3J1

DUPLICATE Driller's Copy

STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

Do not fill in

No. 341209

Notice of Intent No. 243729 Local Permit No. or Date

State Well No. Other Well No.

(1) OWNER: Name, Address, City Yucaipa, Ca 92399, (2) LOCATION OF WELL: County San Bernardino, Owner's Well Number #49, Township 2S, Range 2W, Section 3, Parcel # 318-051-43

Table with 3 columns: Depth (ft), Formation, and Description. Rows include 0' - 390' 7.5hr Sand and gravel & cobbles, 390' - 439' 22hr Drlg slowed down, 439' - 459' 22hr Sand & gravel & cobbles w/some clay, 459' - 470' 22hr Sand & gravel w/some cobbles and silt, 470' - 473' 22 hr Sand & gravel w/some clay, 473' - 490' 18hr Fine t. med sand & silt, 490' - 520' 18hr Med to coarse sand & silt, 520' - 535' Looks like chipped rock sharp cobbles, 535' - 515' Med to coarse sand w/cobbles and silt, 515' - 527' Sand & Gravel w/aome clay, 527' - 700' Sand & gravel w/some cobbles & silt, 700' - 765' Med to course sand, 765' - 935' Med to course sand & gravel

(3) TYPE OF WORK: New Well, Deepening, Reconstruction, Reconditioning, Horizontal Well, Destruction, (4) PROPOSED USE: Domestic, Irrigation, Industrial, Test Well, Municipal, Other



(5) EQUIPMENT: Rotary, Cable, Other, Reverse, Air, Bucket

(6) GRAVEL PACK: Yes, No, Diameter of bore, Racked from to ft

Table for (7) CASING INSTALLED: Steel, Plastic, Concrete, From ft, To ft, Dia. in., Gage or Wall

Table for (8) PERFORATIONS: Type of perforation or size of screen, From ft, To ft, Slot size

(9) WELL SEAL: Was sanitary seal provided? Were strata sealed against pollution? Method of sealing

(10) WATER LEVELS: Depth of first water, Standing level after well completion

(11) WELL TESTS: Was well test made? Type of test, Depth to water at start of test, Discharge, Chemical analysis made, Was electric log made

Work started 1990 Completed 1990, 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 Mark C. Howard Pump Inc., Address PO Box 1249, City Barstow Ca, ZIP 92311, License No. 231514

HIS WELL DRILLED
PRIOR TO PERMITTING
OR PRESITE BY DEHS.

County of San Bernardino - Environmental Public Works Agency
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160

25/2W-3J1

DO NOT FILL IN

Permit Number 04129021

Expiration 4-12-91

FF _____

FA _____

SN _____

DO NOT FILL IN

Date 4-12-90

Amount \$ 412.50

Receipt Number 0412901-2

By Howard Pump #19787

WELL PERMIT
(Please Print)

1. OWNER: Name _____

Mailing Address _____

City Yucaipa, CA Zip 92399

Site Address Well #49

City Yucaipa Zip _____

Telephone Number (714) 797-5117

2. WELL DRILLER:

Contractor Howard Pump, Inc.

Date Start April 1990

Date Complete May 1990

3. WELL USE (check):

Community Horizontal Other

Individual Test

Agricultural Monitoring

Dairy Public Water Supply

4. TYPE OF WORK (check):

New Reconstruction Destruction

Items 6 through 10 to be estimated for new wells, exact for all other wells.

5. ANNULAR SEAL: Seal Depth 50 ft.

Furnished by: Owner Contractor

Driven Conductor Dia. _____ in., Wall (Gage) _____

Sealing Material cement, Thickness 2 in.

6. DEPTH OF WELL (feet):

Proposed 1000 Existing 0

DIAMETER OF BORE (in.): 28"

7. CASING INSTALLED:

Steel Plastic Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>650</u>	<u>14"</u>	

GRAVEL PACK: Yes No

From 50 to 1000 ft.

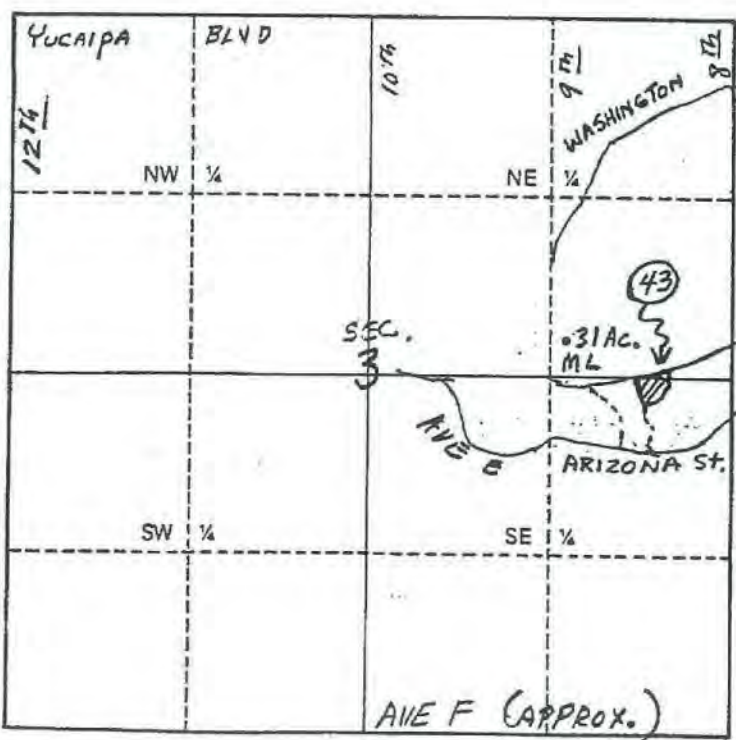
8. PERFORATIONS (if applicable):

From 650 to 1000 ft.

9. SEALED ZONES (if applicable):

From 0 to 50 ft.

SECTION MAP - DO NOT FILL IN Scale: 1 inch = 1/4 mile



10. LOCATION INFORMATION: 31-A6

(a) Township 2S N/S Range 2W E/W
Section 3

(b) Assessor's Parcel No. 318-051-43

(c) Solid or liquid waste disposal site within two miles?
 Yes No

Location _____

(Continue on reverse side)

NO M.A.V.

DO NOT FILL IN

Seal _____

Cap _____

Check Valve _____

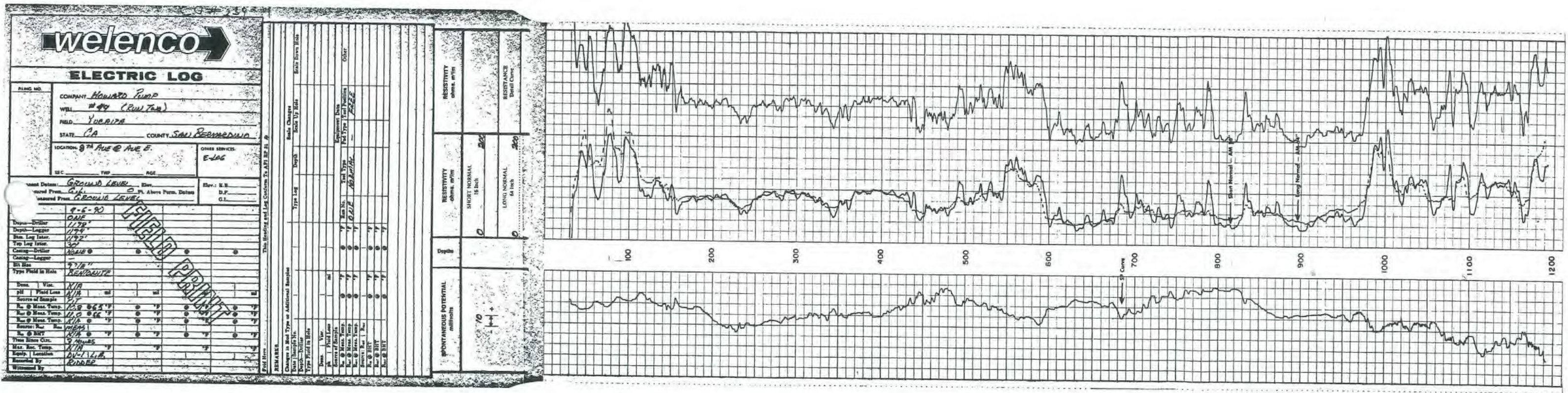
Electricals _____

Slab _____

Tag _____

Building and Safety Notified _____

Well 49
25/2 W-3J1



25/2W-1Q1 - Notes say changed to 25/2W - LK1 in 2003
 Municipal well database = 25/2W-1Q1

STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. **341098**

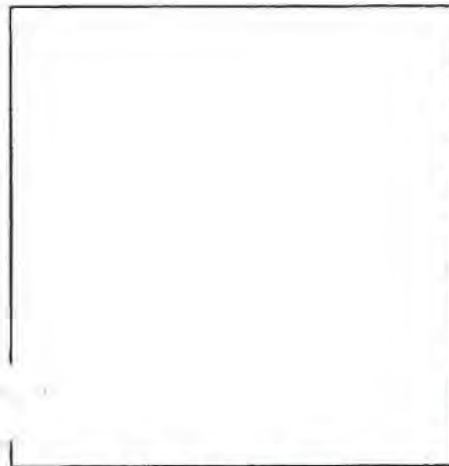
Do not fill in

License of Intent No. 249930
 Local Permit No. or Date _____

State Well No. _____
 Other Well No. _____

(1) OWNER: Name _____
 Address _____
 City _____ ZIP 92309

(2) LOCATION OF WELL (See instructions):
 County San Bernardino Owner's Well Number #50
 Well address if different from above _____
 Township _____ Range _____ Section _____
 Distance from cities, roads, railroads, fences, etc. _____
 Parcel # 319-132-25



(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)

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

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	5	Clay (brown silty)
5	80	Sand and gravel
80	270	Sand gravel & cobbles
270	291	Sand, gravel & boulders
291	300	Silty clay and sand
300	334	Sand gravel and boulders
334	341	Silty clay and sand
341	372	Sand & gravel and cobbles
372	383	Dark green rock (hard)
383	420	Sand, gravel and cobbles
420	430	Sand & gravel & cobbles
430	450	Granite
450	451	Granite w/silts

WELL LOCATION SKETCH

(5) EQUIPMENT:
 Rotary Reverse
 Cable Air
 Other Bucket

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

(7) CASING INSTALLED:
 Steel Plastic Concrete

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

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	330	6 5/8	.134	330	358	.080

(9) WELL SEAL:
 Was surface sanitary seal provided? Yes No If yes, to depth 20' ft.
 Were strata sealed against pollution? Yes No Interval _____ ft.
 Method of sealing Hole plug

Work started 4-9 1999 Completed 3-13 1999

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

WELL DRILLER'S STATEMENT:

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

(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

Signed Gary Hall
 NAME Howard Pump, (Well Driller) INC.
 Address PO Box 1249
 City Barstow, Ca ZIP 92311
 License No. 221217 Date of this report _____

25/24-101

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 341098

Notice of Intent No. 249930

State Well No. _____

Local Permit No. or Date _____

Other Well No. _____

(1) OWNER: Name _____
Address _____
City _____ ZIP 92399

(12) WELL LOG: Total depth 1 ft. Completed depth 1 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 5 Clay (brown silty)

(2) LOCATION OF WELL (See instructions):
County San Bernardino Owner's Well Number #50
Well address if different from above _____
Township _____ Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

5 - 80 Sand and gravel
80 - 270 Sand gravel & cobbles
270 - 291 Sand, gravel & boulders

Parcel # 319-132-25

291 - 300 Silty clay and sand



(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)

300 - 334 Sand gravel and boulders
334 - 341 Silty clay and sand
341 - 372 Sand & gravel and cobbles
372 - 383 Dark green rock (hard)
388 - 420 Sand gravel and cobbles
420 - 430 Sand & gravel & cobbles
430 - 450 Granite
450 - 461 Granite w/silts

WELL LOCATION SKETCH

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

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

(7) CASING INSTALLED:
Steel Plastic Concrete

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

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	330	6 5/8	.134	330	358	.080

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 20 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Hole plug

Work started 4-9-99 Completed 7-13-99

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

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

(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

Signed Gary Hall
Howard Pump, Inc. (Well Driller)
NAME _____
(Person, firm, or corporation) (Typed or printed)
Address PO Box 1249
City Barstow, Ca ZIP 92311
License No. 281314 Date of this report _____

25/2w-101

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 341098

License of Intent No. 249930

~~025/02w-01K0015~~ 15

State Well No. ~~025/02w-01K0015~~
Other Well No. _____

Local Permit No. or Date _____

(1) OWNER: Name _____
Address _____
City _____ ZIP 92399

(12)-WELL LOG: Total depth 481 ft. Completed depth 350 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):
County San Bernardino Owner's Well Number #50
Well address if different from above _____
Township 25 Range 2W Section 1
Distance from cities, roads, railroads, fences, etc. _____
Parcel # 319-132-25

0	-	5	Clay (brown silty)
5	-	80	Sand and gravel
80	-	270	Sand gravel & cobbles
270	-	291	Sand, gravel & boulders
291	-	300	Silty clay and sand
300	-	334	Sand gravel and boulders
334	-	341	Silty clay and sand
341	-	372	Sand & gravel and cobbles
372	-	388	Dark-green rock (hard)
388	-	420	Sand - gravel and cobbles
420	-	450	Sand & gravel & cobbles
420	-	450	Granite
450	-	481	Granite w/silts

changed
3/28/03
plate in K
01K001
gg

(9) 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)

WELL LOCATION SKETCH

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

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

(7) CASING INSTALLED:
Steel Plastic Concrete

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

From ft.	To ft.	Dia in.	Gage or Wall	From ft.	To ft.	Slot size
0	330	5 5/8	.134	330	350	.080

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 20' ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Hole plug

Work started 4-9 19 99 Completed 4-13 19 98

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

WELL DRILLER'S STATEMENT:

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

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? _____
Type of test _____ Pump Baller Air lift
Time 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

Signed Gary Hall
NAME Howard Pump, Inc. (Well Driller)
Address PO Box 1249
City Barstow, Ca ZIP 92311
License No. 281814 Date of this report _____

15/2W-2901

ORIGINAL File with DWR

STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

Do not fill in

No. 341364

Notice of Intent No. 243729

Local Permit No. or Date 04129021

State Well No.

Other Well No.

(1) OWNER: Name [redacted] Address [redacted] City [redacted] ZIP 92399

(2) WELL LOG: Total depth ft. Completed depth ft. from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions): County San Bernardino Owner's Well Number #51 Well address if different from above Township Range Section Distance from cities, roads, railroads, fences, etc.

0 - 18 Clay
18 - 45 Sand, Gravel and Cobbles
45 - 65 Clay w/sand
65 - 84 Sand, gravel and cobbles
84 - 110 Clay w/sand



(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) []

110 - 291 Sand, gravel and cobbles
291 - 298 Clay w/sand and gravel
298 - 345 Sand and Gravel
345 - 360 Sand and gravel w/ clay
360 - 482 Sand and gravel and cobbles
482 - 490 Sand and gravel (green)
490 - 600 Sand and gravel
600 - 610 Sand and gravel w/sharp chips of rock, very hard DRIG
610 - 683 Very hard Rock CHips No sand or clay (granite)

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

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

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

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

Table with columns: From ft., To ft., Dia. in., Gage or Wall

Table with columns: From ft., To ft., Slot size

- 683 T D

(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 ft. Standing level after well completion ft.

(11) WELL TESTS: Was well test made? Yes [] No [] If yes, by whom? 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

Work started 4-23-1990 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.

Signed [redacted] (Well Driller) NAME Howard Pump, Inc. Address P.O. Box 1249 Barstow, Ca 92312-1249 City ZIP License No. 281814 Date of this report

15/2W-24C1

51

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 341364

Notice of Intent No. 243729
Local Permit No. or Date 04129021

State Well No. _____
Other Well No. _____

(1) OWNER: Name _____
Address _____
City _____ ZIP 92399

(2) WELL LOG: Total depth _____ ft. Completed depth _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):
County San Bernardino Owner's Well Number #51
Well address if different from above Kadota & Bryant
Township 1S Range 2W 11W Section 24
Distance from cities, roads, railroads, fences, etc. _____

0 - 16 Clay
18 - 45 Sand, Gravel and Cobbles
45 - 55 Clay w/sand
55 - 84 Sand, gravel and cobbles
84 - 110 Clay w/sand



(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)

110 - 291 Sand, gravel and cobbles
291 - 295 Clay w/sand and gravel
295 - 345 Sand and gravel
345 - 350 Sand and gravel w/ clay
350 - 482 Sand and gravel and cobbles
482 - 533 Sand and gravel (green)
533 - 600 Sand and gravel
600 - 616 Sand and gravel w/sharp chips of rock, very hard DRLG

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL RACK:
Yes No
Size 30"
Diameter of bore _____
Racked from 0 to 616

616 - 633 Very hard Rock chips
633 - 648 No sand or clay (granite)

(7) CASING INSTALLED:
Steel Plastic Concrete

From ft.	To ft.	Dia. in.	Gage or Wall
0	230	12"	
590	610		

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

From ft.	To ft.	Slot size
230	590	.080

648 - 533 I.D.

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing 30" conductor cemented in place

Work started 4-27-97 1997 Completed 1 1997

(10) WATER LEVELS:
Depth of first water, if known 82.1 ft.
Standing level after well completion 90.1 ft.

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

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? HPI
Type of test _____ Pump Air lift
Depth to water at start of test 82.1 ft. At end of test 90.1 ft.
Discharge 1500 gal/min after 65 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

Signed Gary Hall (Well Driller)
NAME Howard Puma, Inc
Address P.O. BOX 1243 BARSTOW, CA 92312-1249
City _____ ZIP _____
License No. 231014 Date of this report 1-22-91



Yucaipa Valley Water District

12770 Second Street • P. O. Box 730 • Yucaipa, California 92399-0730
(909) 797-5117 • E-mail: yvwd@ccc.org

FAX COVER SHEET YVWD ENGINEERING FAX NO.: 909-797-5937

Date: 02-05-99

Number of Pages
Including Cover 6

To: MR. TONG
Geo Science

FAX NO.: (909) 920-0403

FROM: B. Anton
Ray

REGARDING: Well # 53 (YVWD)
Ray - Asked me to send you
e-log & Denton's log

Carefully account for the number of pages faxed to you. If there are any missing or illegible pages, please notify the sender immediately.

Directors and Officers

TOM SHALHOUB
Division 1

STEVE COPELAN
Division 2

DAVID LESSER
Division 3

CONRAD NELSON
Division 4

HANK WOCHHOLZ
Division 5

JOSEPH B. ZOBA
General Manager
and Secretary

TRIPPLICATE
Owner's Copy

Page 1 of 1

Owner's Well No. 53

Date Work Began 11-10-92 Ended 1-30-93

Local Permit Agency San Bernardino Environment Health

Permit No. 1109211 Permit Date 11-4-92

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 477777

DWR USE ONLY - DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

DEPTH FROM SURFACE		DESCRIPTION
Ft.	to Ft.	
0	50	TOP SOIL
50	60	FINE SAND AND GRAVEL
60	110	FINE SAND, COARSE SAND, GRAVEL
110	150	FINE & COARSE SAND
150	290	FINE SAND, COARSE SAND, GRAVEL
250	290	FINE SAND, GRAVEL, CLAY
290	440	FINE SAND, GRAVEL, ROCK
440	490	SAND, GRAVEL, ROCK
490	500	DECOMPOSED GRANITE, HARD
500	520	DECOMPOSED GRANITE, SAND, GRAVEL
520	640	SAND, GRAVEL, CLAY
640	680	SAND, GRAVEL, ROCK, CLAY
680	710	SAND, GRAVEL, CLAY
710	740	SAND, GRAVEL, CLAY, ROCK
740	800	GRAVEL, ROCK, GRANITE, BOULDERS
800	840	SAND, GRAVEL, ROCK, CLAY
840	860	CEMENTED SAND, GRAVEL, ROCK
860	1030	SAND, GRAVEL, SMALL & LARGE ROCK, CLAY
1030	1140	SAND, GRAVEL, CLAY, BOULDERS
1140	1210	SAND, GRAVEL, CLAY
1210	1220	CEMENTED SAND, GRAVEL, GRANITE

WELL OWNER

Name [REDACTED]

Mailing Address [REDACTED]

CITY STATE ZIP

Address Side of Oak Glen Road, between Sunnyside & Bryant in City of Yucaipa

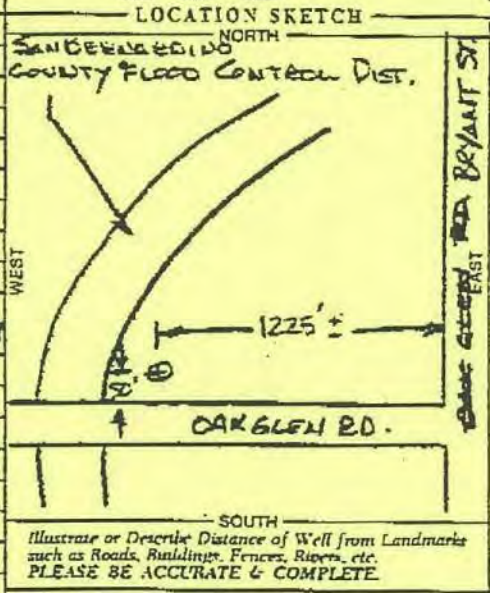
City San Bernardino

County San Bernardino

APN Book 303 Page 51 Parcel 45

Township 15 Range 2W Section 5

Latitude _____ Longitude _____



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 Reverse FLUID Water

WATER LEVEL & FIELD OF COMPLETED WELL

DEPTH OF STATIC 331'

WATER LEVEL 1750 (Ft.) & DATE MEASURED 1-4-93

ESTIMATED YIELD 24 (GPM) & TEST TYPE constant

TEST LENGTH 24 (Hrs.) TOTAL DRAWDOWN 115 (Ft.)

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

TOTAL DEPTH OF BORING 1225

TOTAL DEPTH OF COMPLETED WELL 970 (Ft.)

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	ANNULAR MATERIAL			
		TYPE ()	BANK	SCREEN	CONCRETE					CEMENT ()	BENTONITE ()	FILL ()	FILTER PACK (TYPE/SIZE)
0	50	40"	X	X	X	M.S.	30"	5/16					10 sack sturr
0	450	30"	X	X	X	M.S.	16"	5/16				X	4x12 valley
450	950	30"	X	X	X	M.S.	16"	5/16	.080			X	Natural
950	970	30"	X	X	X	M.S.	16"	5/16					

ATTACHMENTS ()

— Geologic Log

— Well Construction Diagram

— Geophysical Logs(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 STEVAN A. HICKS - McCALLA

(PERSON, FIRM OR CORPORATION) (TYPED OR PRINTED)

900 NEVADA ST. REDLANDS CA 92373

ADDRESS CITY STATE ZIP

Signed Stevan A. Hicks 2-1-93 510011

WELL OWNER AUTHORIZED REPRESENTATIVE DATE SIGNED C57 LICENSE NUMBER



ELECTRIC LOG

25RA

COUNTY: SAN BERNARDINO CA
 FIELD: YUCAIPA
 LOCATION: OAK GLEN AVE SOUTH OF BR
 WELL: #53
 COMPANY: MCCALLA BROS. DRILLING

COMPANY MCCALLA BROS. DRILLING
 WELL #53
 FIELD YUCAIPA
 COUNTY SAN BERNARDINO STATE CALIF.
 LOCATION OAK GLEN AVE SOUTH OF BRYAN
 Sec. Twp. Rge.
 Other Services NONE

Permanent datum GROUND LEVEL Elev. N/A K.B.
 Log Measured from GROUND LEVEL Above Perm. Datum D.F.
 Drilling Measured from GROUND LEVEL Datum C.L.

Date	11/23/82				
Run No.	DNE				
Depth-Driller	1180'				
Depth-Logger	1180'				
9th Log Interval	1178'				
Top Log Interval	50'				
Casing Driller	30" @ 50'				
Casing Logger	50'				
Bit Size	12, 5"				
Type Fluid in Hole	WATER				
Density Viscosity	N/A N/A				
pH Fluid Loss	N/A N/A				
Source of Sample	PIT				
Rm @ Heas. Temp.	16.8 @ 70 °F				
Rmf @ Heas. Temp.	16.8 @ 70 °F				
Rmc @ Heas. Temp.	N/A @ N/A °F				
Source of Rmf and Rmc	HEMS N/A				
Rm @ BHT	N/A @ N/A °F				
End Circulation	11/22 21:00				
Logger on bottom	11:58				
Max Rec Temp Deg. F	N/A				
Equip. No. Location	L-14 L.R.				
Recorded By	RIDDER				

Fold Here CWP DRS 1.2616

Changes in Mud Type or Additional Samples		Scale Changes			
Site Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole	
Depth Driller					
Type Fluid					
EQUIPMENT DATA					
Runs Visc	Run No.	Tool No.	Tool Type	Tool Pos.	Gamma Ray Tool No.
H Fluid Loss	ONE	--	NORMAL	FREE	
Source of Sample					
Rm @ Heas Temp					
Rmf @ Heas Temp					
Rmc @ Heas Temp					
Source Rmf Rec	Run No.	16" Normal Zero	16" Normal Int. Cal	Induction Loop Cal	Induction Tool Zero
Rm @ BHT					
Rmf @ BHT					
Rmc @ BHT					

REFERENCE LITERATURE:

REMARKS:

NOTICE: All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

64" NORMAL
 OHM-METERS 1500

- S.P. +
20 MILLIVOLTS
per division

B 9
Depths
2"/100'

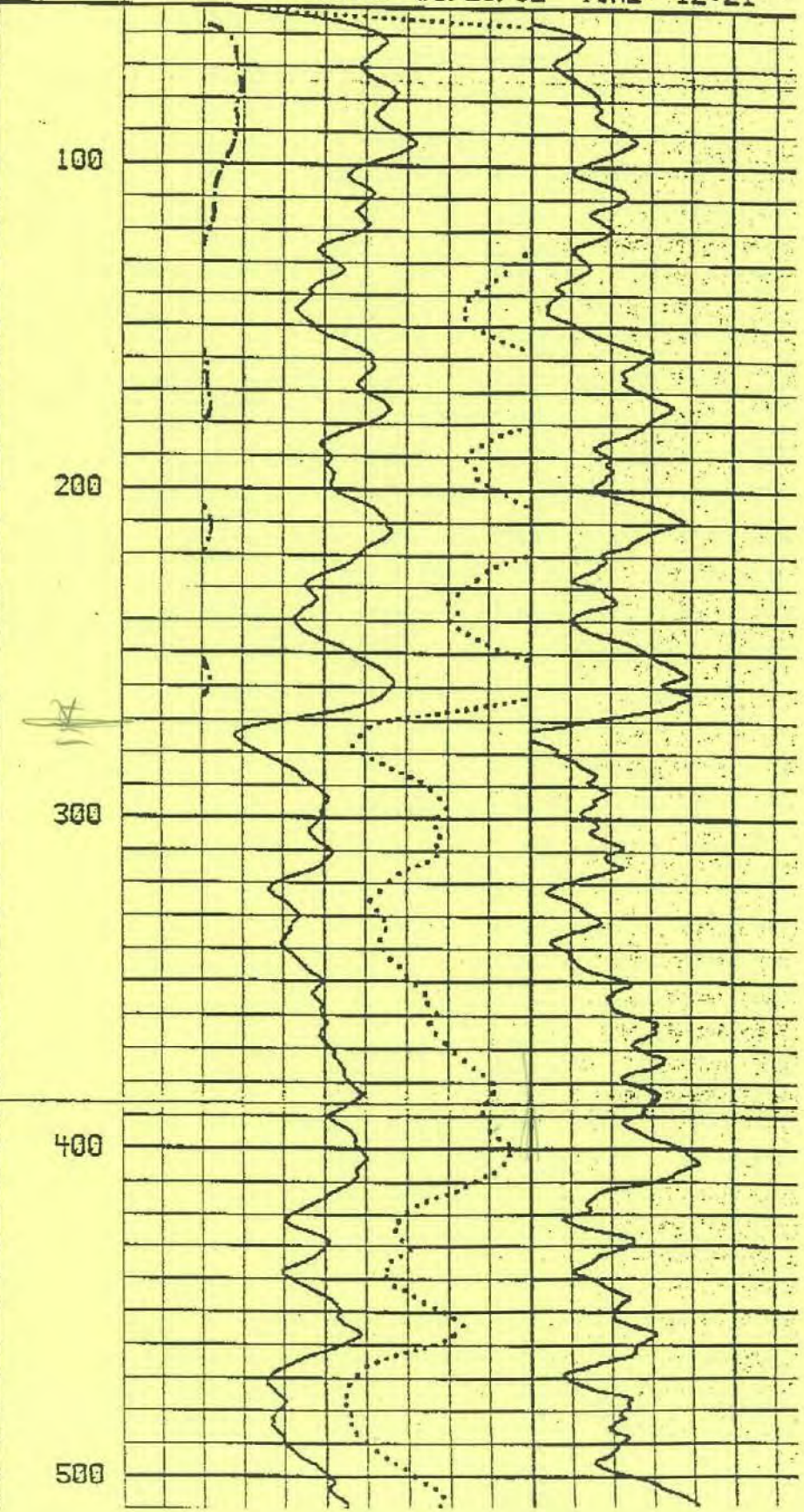
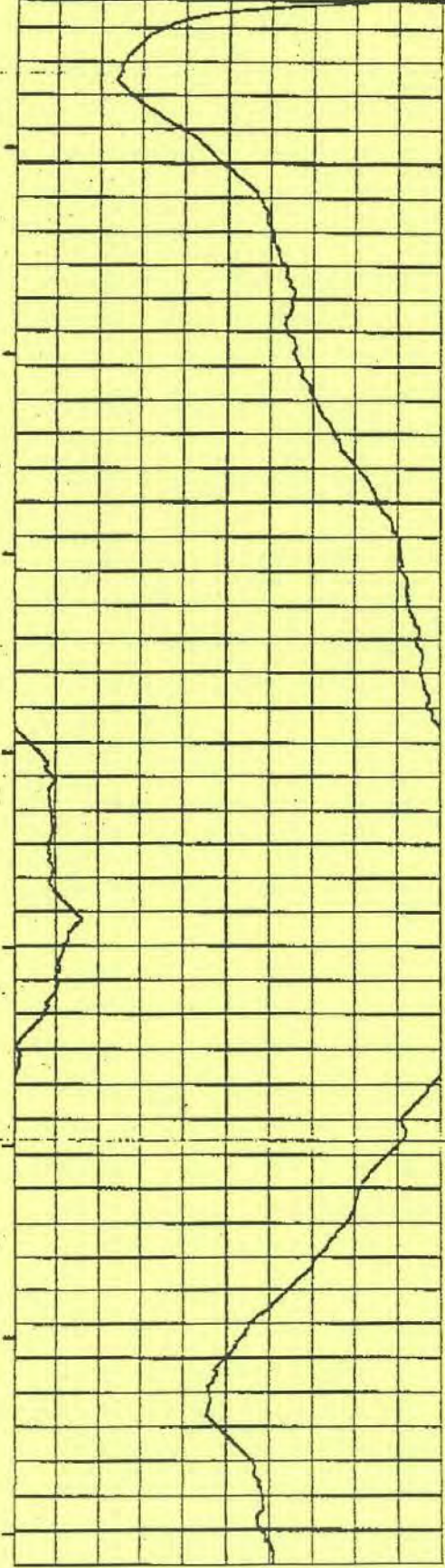
64" NORMAL
OHM-METERS 1500
300

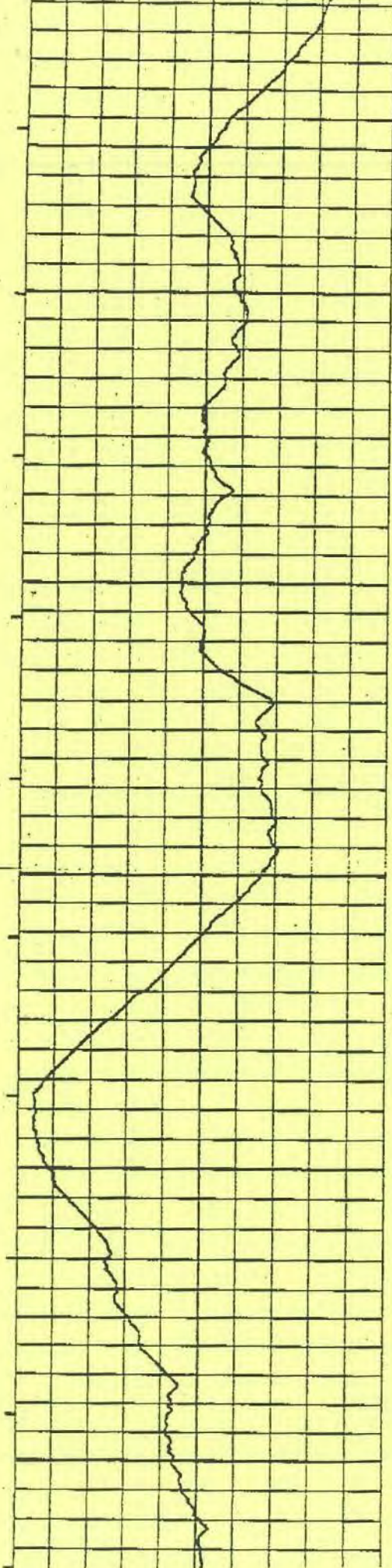
16" NORMAL
OHM-METERS 1500
300

POINT RESIST
20 OHM
per division

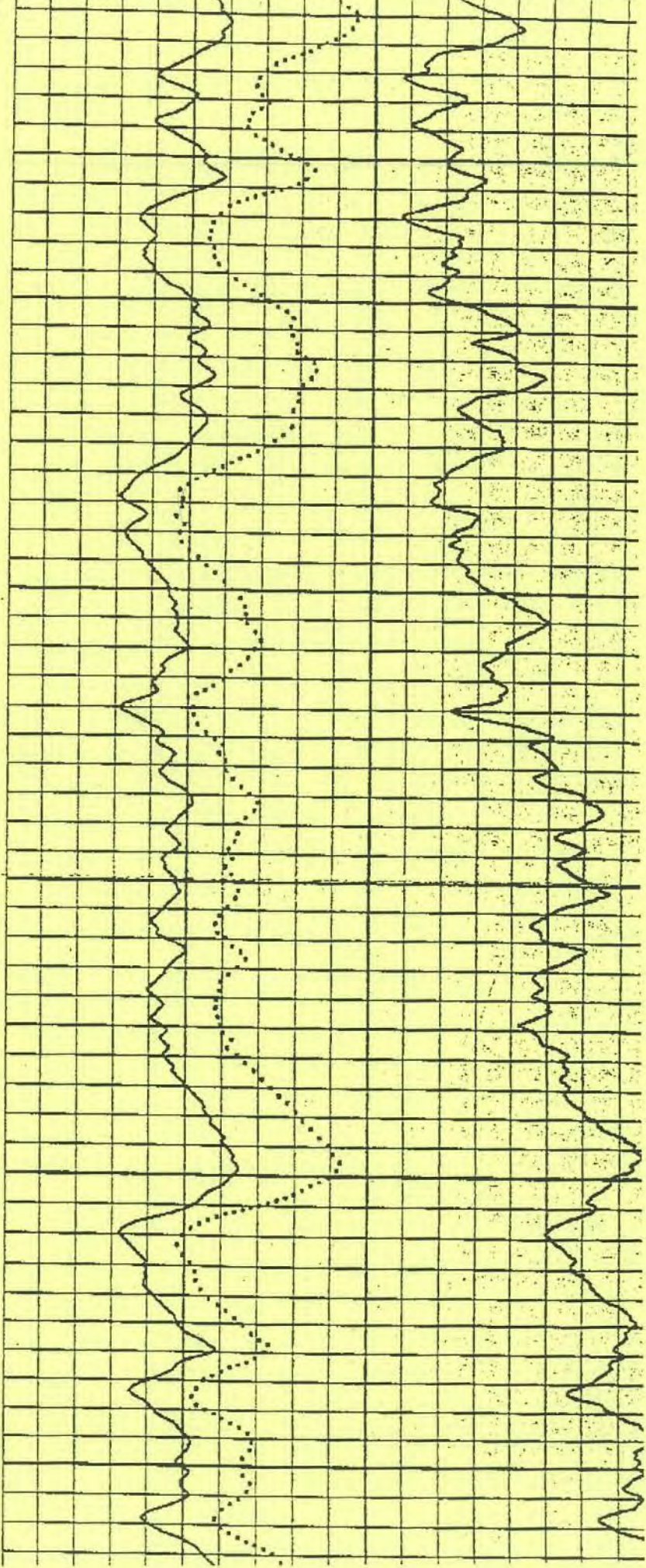
STOP: 48 FT

DATE: 11/23/92 TIME: 12:21





400
500
600
700
800
900



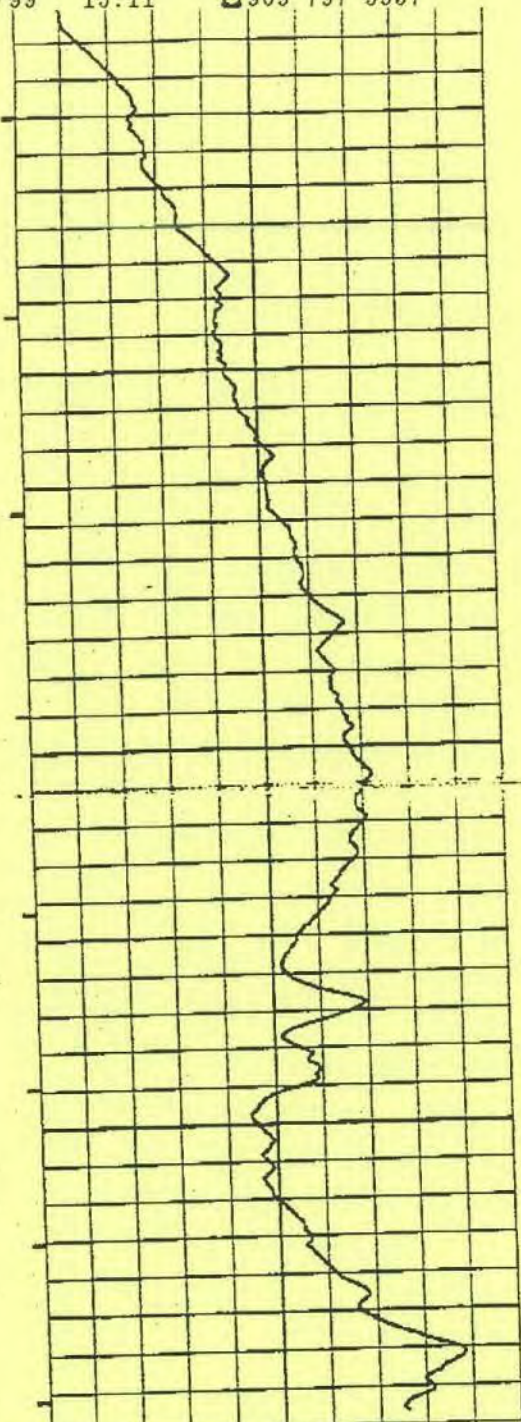
02/05/99

15:11

909 797 5937

Yucaipa Val. W.D.

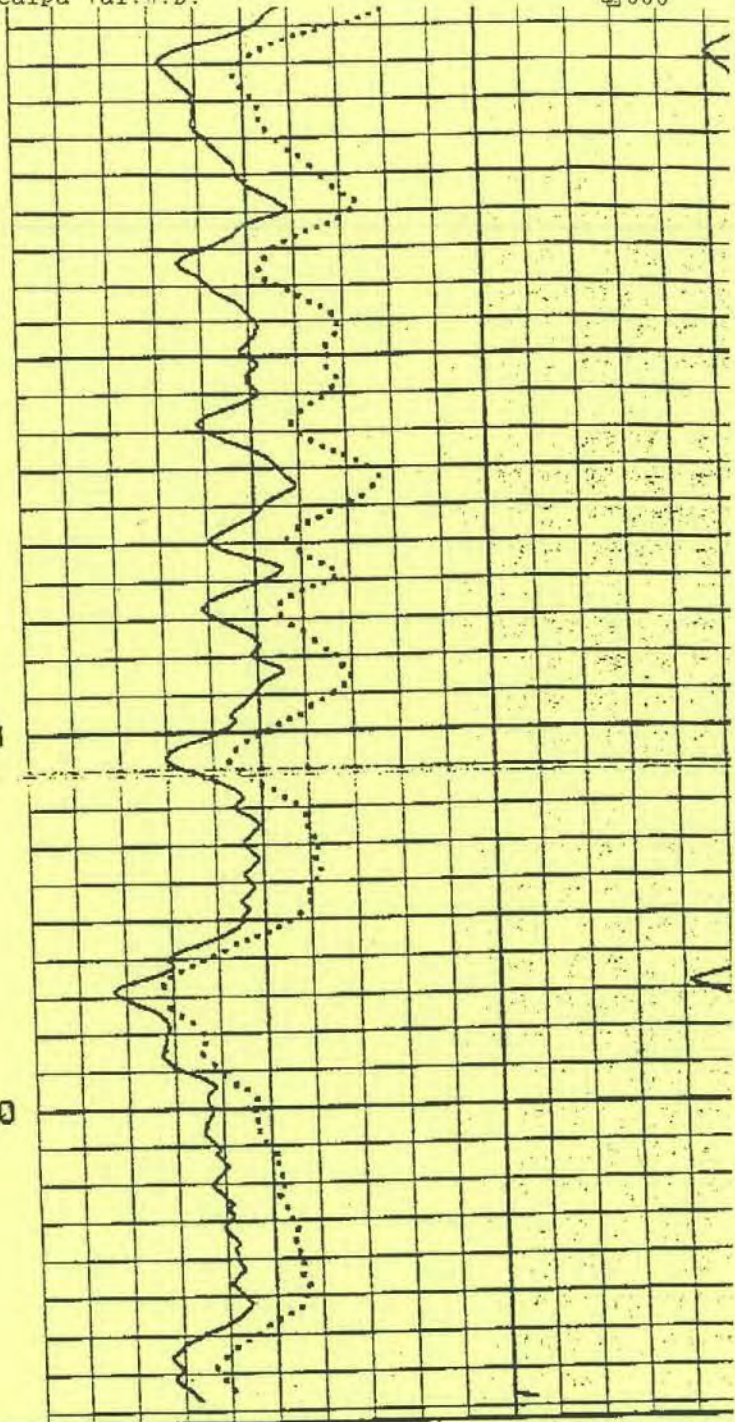
006



900

1000

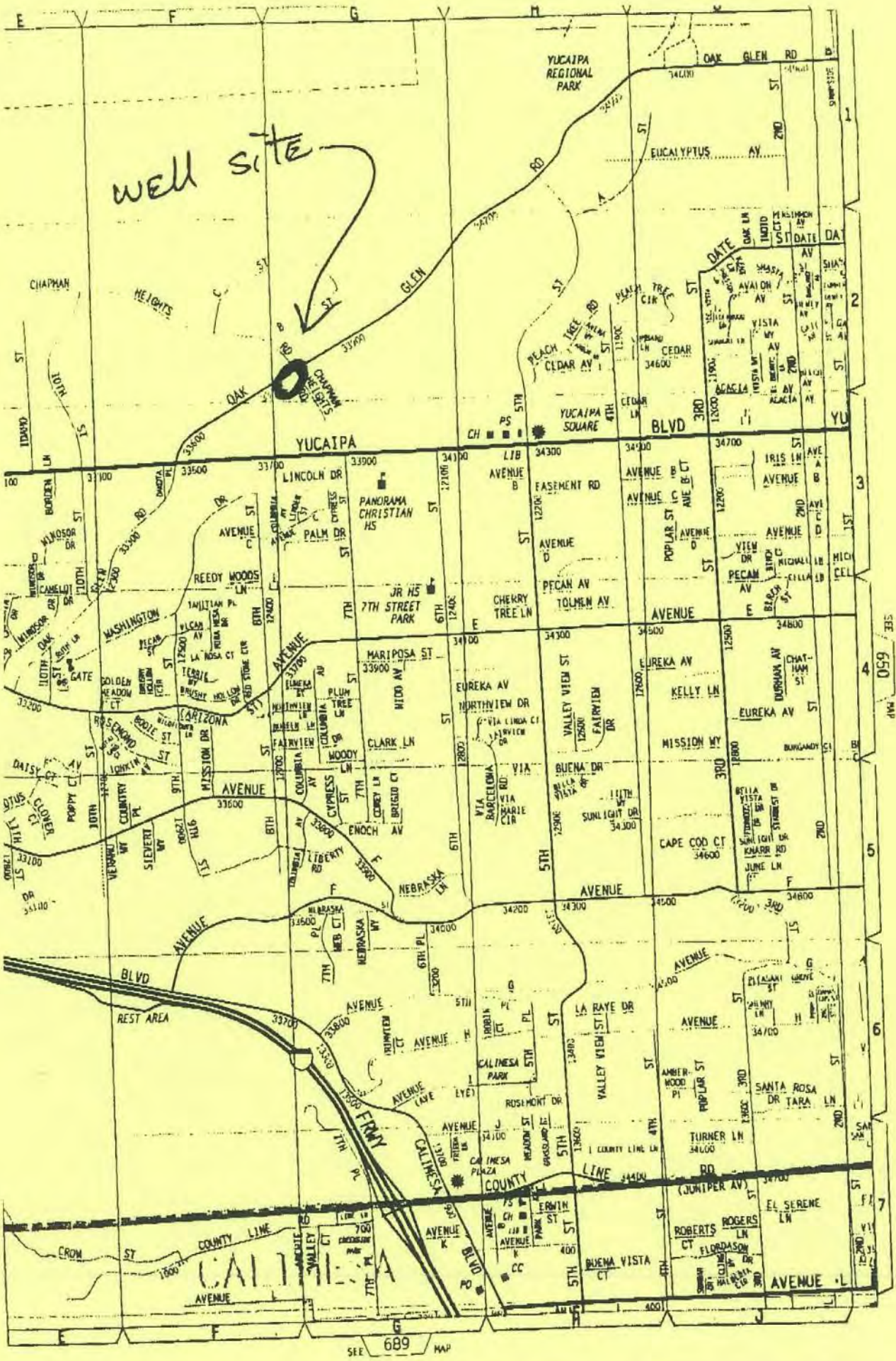
1100



START: 1178 FT

DATE: 11/23/92 TIME: 11:

- S.P. + 20 MILLIVOLTS per division	B 9 Depths 2"/100'	64" NORMAL		POINT R .20 per
		OHM-METERS	1500	
		16" NORMAL		
		OHM-METERS	1500	
			300	



WELL SITE

INLAND EMPIRE

REF. 449 G-2

MAP

SEE 689 MAP

SEE 650 MAP

ORIGINAL File with DWR

Page 1 of 1

Owner's Well No. 55

Work Began 1-22-01, Ended 7-28-01

Permit Agency San Bernardino County Dept. of Public Health

Permit No. 2001 010028 Permit Date 1-18-01

13/2W-35H3

STATE OF CALIFORNIA WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 748842

DWR USE ONLY - DO NOT FILL IN

01151012W13151H101013

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRE/OTHER

GEOLOGIC LOG

ORIENTATION (≠)			DRILLING METHOD		FLUID	
<input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> ANGLE (SPECIFY)			Reverse Cir.		Polybore	
DEPTH FROM SURFACE			DESCRIPTION			
FL	IG	FI	Describe material, grain size, color, etc.			
0	50		Top Soil Rock			
50	100		Sand & Gravel			
100	180		Sand, Gravel, & Rock			
180	200		Sand, Clay, & Granite			
200	230		Sand, Gravel, & Granite			
230	250		Sand, Hard			
250	270		Sand & Gravel			
270	290		Hard Sand			
290	380		Sand, Gravel, & Rock			
380	430		Sand & small Gravel			
430	480		Sand & Gravel			
480	490		Sand			
490	550		Hard Sand & Gravel			
550	630		Sand & Gravel			
630	700		Hard Sand & Gravel			
700	770		Sand & Gravel			
770	870		Gravel & Rocks			
870	950		Sand & Gravel Granite			
950	1000		Sand & Gravel			
1000	1050		Hard Sand & Gravel			
1050	1070		Granite & Rocks			

WELL OWNER

Name: [REDACTED]

Mailing Address: [REDACTED] CA 92399

CITY STATE ZIP

WELL LOCATION

Address 1/4 mile South Oak Glen Rd 100 East of 5th

City Yucaipa

County San Bernardino

APN Book 0303 Page 151 Parcel 31

Township 18 Range 2W Section 35

Latitude _____ NORTH Longitude _____ WEST

LOCATION SKETCH

ACTIVITY (≠)

NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify)

DESTROY (Describe Procedure 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) _____

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.

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 232' (FL) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL 232' (FL) & DATE MEASURED 6-18-01

ESTIMATED YIELD 1500 (GPM) & TEST TYPE Constant

TEST LENGTH 24 (Hrs) TOTAL DRAWDOWN 144 (FL)

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

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING (S)							
		TYPE (≠)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
		BLANK	SCREEN	CORN	FILL PIPE				
0	50	42			x	A53 GradeB	30	5/16	
+2	460	26	x			CopperBearing	16	5/16	
460	1030	26	x			FulFlo	16	5/16	.050
1030	1050	26	x			CopperBearing	16	5/16	
+2	459	26			x	A53 GradeB	2	Sch 40	

DEPTH FROM SURFACE	ANNULAR MATERIAL			
	TYPE			
	CE-MENT (≠)	BEN-TONITE (≠)	FILL (≠)	FILTER PACK (TYPE/SIZE)
0	50	x		
50	1070			6x16 Tacna Sand & 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 Bakersfield Well & Pump Co. (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

7212 Fruitvale Ave. Bakersfield CA 93308

Signed [Signature] DATE SIGNED 8-6-01 448537

WELL DRILLER/AULT-GRIZED REPRESENTATIVE 2-57 LICENSE NUMBER

ORIGINAL
File with BWR

15/2W-35

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

Page 1 of 2

Owner's Well No. 57

No. **788723**

Date Work Began 1-18-01 Ended 7-30-02

Local Permit Agency San Bernardino Environmental Health Services

Permit No. 2001010029 Permit Date 1-18-01

STATE WELL REG. STATION NO.	
LATITUDE	LONGITUDE
APN TRS OTHER	

GEOLOGIC LOG

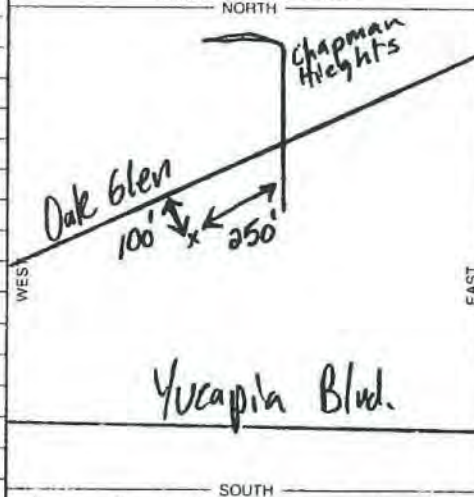
ORIENTATION (±)		<input checked="" type="checkbox"/> VERTICAL	<input type="checkbox"/> HORIZONTAL	ANGLE _____ (SPECIFY)
DEPTH FROM SURFACE		DRILLING METHOD <u>Reverse Circulation</u> FLUID <u>Poly Bore</u>		
		DESCRIPTION - <i>Describe material, grain size, color, etc.</i>		
Fl.	To	Description		
40	130	sand & gravel		
130	140	coarse gravel, sand, rock		
140	160	sand, gravel, & rock		
160	170	sand		
170	180	gravel, sand, & rock		
180	190	sand and small gravel		
190	200	sand, some short cut gravel		
200	210	sand, little clay, & gravel		
210	230	sand with clay and small gravel		
230	240	sand and gravel		
240	250	sand and small gravel		
250	260	sand, gravel, and different colors		
260	270	sand, gravel, & granite		
270	280	sand, gravel, sharp cuttings		
280	290	sand and gravel		
290	300	sand and large gravel		
300	310	sand and medium sharp		
310	320	sand and gravel		
320	330	sand and gravel (fine sharp)		
330	390	sand and gravel		
390	410	sand and medium gravel		
410	420	gravel and rock		
420	440	sand and gravel		
440	450	large gravel and different colors		
450	470	sand and gravel		
470	480	granite and gravel		
480	490	sand and hard gravel		
490	500	sand, gravel and little clay		
500	520	sand and hard gravel		
520	540	sand and medium gravel		
TOTAL DEPTH OF BORING		<u>900</u> (Feet)		
TOTAL DEPTH OF COMPLETED WELL		<u>N/A</u> (Feet)		

WELL OWNER

Name _____
Mailing Address _____
City Yucaipa CA. 92399
STATE _____ ZIP _____

WELL LOCATION
Address 100' South of Oak Glen Rd. 250' West Chapman
City Yucaipa
County San Bernardino
APN Book 0303 Page 131 Parcel 66
Township 1S Range 2W Section 35
Latitude _____ NORTH _____ WEST
DEG MIN SEC Longitude _____ DEG MIN SEC

LOCATION SKETCH



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 259 (Feet) BELOW SURFACE
 DEPTH OF STATIC WATER LEVEL 259 (Feet) & DATE MEASURED 2-29-01
 ESTIMATED YIELD * 100 (GPM) & TEST TYPE Air Lift
 TEST LENGTH 3 (Hrs.) TOTAL DRAWDOWN N/A (Feet)
 * May not be representative of a well's long-term yield.

DEPTH FROM SURFACE Fl. to Fl.	PORE-HOLE DIA. (Inches)	CASING (S)						DEPTH FROM SURFACE Fl. to Fl.	ANNULAR MATERIAL TYPE			
		TYPE (±)	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	CE-MENT (±)		BEN-TONITE (±)	FILL (±)	FILTER PACK (TYPE/SIZE)	
0 to 50	42	Blank	A53 Grade B	30	5/16		0 to 50	x				
0 to 100	17 1/2	x	PVC	5	Sch.40		50 to 650					
100 to 650	17 1/2	x	PVC	5	Sch.40	.040	650 to 900			x		

ATTACHMENTS (±)

- Geologic Log
- Well Construction Diagram
- Geophysical Logs
- 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) (TYPE) (OR PRINTED)

ADDRESS 7212 Fruitvale Ave Bakersfield CA. 93308
 CITY STATE ZIP

Signed [Signature] DATE SIGNED 8-10-02 440537
 WELL DRILLER/AUTHORIZED REPRESENTATIVE CHECK OFFICE NUMBER

Well 57
1S/2W-35

welenco →

ELECTRIC LOG

FILING NO. COMPANY KRUEGER & STEWART
WELL 57
FIELD YUCAIPA
COUNTY RIVERSIDE STATE CALIFORNIA

LOCATION: OAK GLEN ROAD OTHER SERV
GARRA RAY
SONIC/VDL

JOB NO. 33869 SEC TWP RGE

Permanent Datum GROUND LEVEL Elev. 57
Log Measured From G.L. 8 Ft Above Perm Datum 0 F
Drilling Measured From GROUND LEVEL G.L.

Date 02-16-2001

Run No. 002
Depth - Driller 900'
Log - Logger 900'
Log Inter. 900'
Log Inter. 60'

Casing/Driller 30' at 50' at
Casing/Logger 30' at 50' at

Bit Size 17.5"
Type Fluid In Hole POLY 8000
Dens. Visc. N/A N/A
pH Fluid Loss N/A N/A w/ w/

Source of Sample PIT
Rw at Res. Temp 10.6 at 75 F at 75 F at 75 F
RwF at Res. Temp 15.2 at 75 F at 75 F at 75 F
Rw at Res. Temp N/A at -- F at F at F
Source Ref Rec HEAD N/A
Rw at 30' N/A at F at F at F
Time Since Circ. 14 HOURS
Max. Res. Temp N/A F
Equip. Location L-16 BFL
Recorded By D. JACKSON
Witnessed By M. S. L.

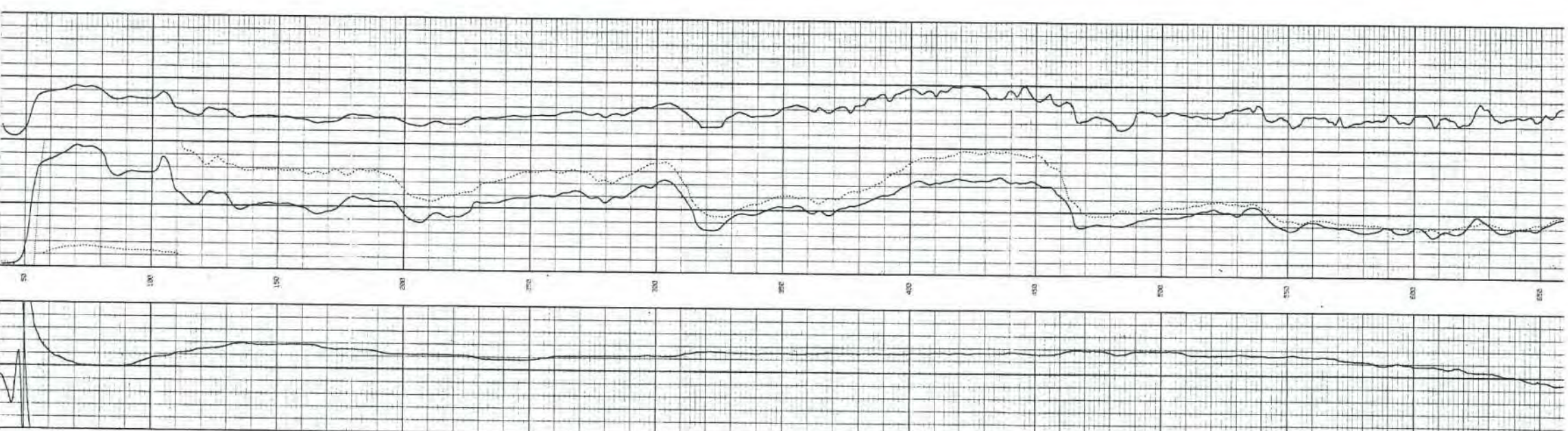
Scale Changes

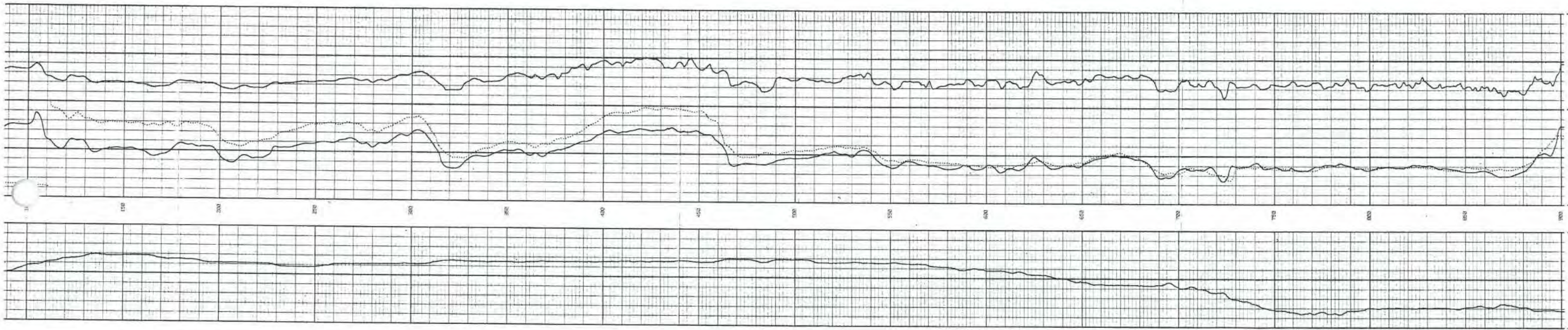
Tag	Log	Depth	Scale	Up	Down	Notes

Other

Tag	Log	Depth	Scale	Up	Down	Notes

RESISTIVITY	RESISTANCE
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000	0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000





LONG NORMAL 64 Inch 10 Base 2000	SINGLE POINT Detail Curve
SHORT NORMAL 15 Inch 10 Base 200	RESISTANCE ohms
SPONTANEOUS POTENTIAL millivolts	DEPTH

well K1

15/2W-35

welenco

GARRA RAY - SONIC - SGL LOG

FILING NO. COMPANY KRUEGER & STUART
WELL NO. 07
FIELD YUCAIPA
COUNTY RIVERSIDE STATE CALIFORNIA

LOCATION ONK GLEN FORD OTHER SERV. (LOG)

JOB NO. 23669 SEC. TOP ROE

PERMANENT DATA: GROUND LEVEL SLEV. ELEVATION: 12
LOG MEASURED FROM G.L. 0 FT ABOVE PERM DATA
DRILLING MEASURED FROM GROUND LEVEL

LOG NO.	23669	DATE	10-20-81
WELL NO.	07	WELL NAME	SONIC - SGL
DEPTH - RELLER	388'	DATE	
DEPTH - LOGGER	388'	DATE	
BOTTOM LOGGED INT.	388'	DATE	
TOP LOGGED INT.	0'	DATE	
TYPE FLUID IN HOLE	POLY BOPE	POLY BOPE	
FLUID LEVEL	FULL	FULL	
MAX TEMP DEG F	N/A	N/A	
OPERATING RIG TIME	1 HOUR	1.5 HOURS	
EQUIP. LOCATION	L-15 BFL	L-15 BFL	
OPERATOR	D. JACKSON	D. JACKSON	
WITNESSED BY	M. S. L.	M. S. L.	

WELL	BOPE	HOLE RECORD	CASTING RECORD
NO.	SIZE	TYPE	FROM TO
ONE	17.5"	SR	388' 38'
		STEEL	5' 26'

EQUIPMENT DATA

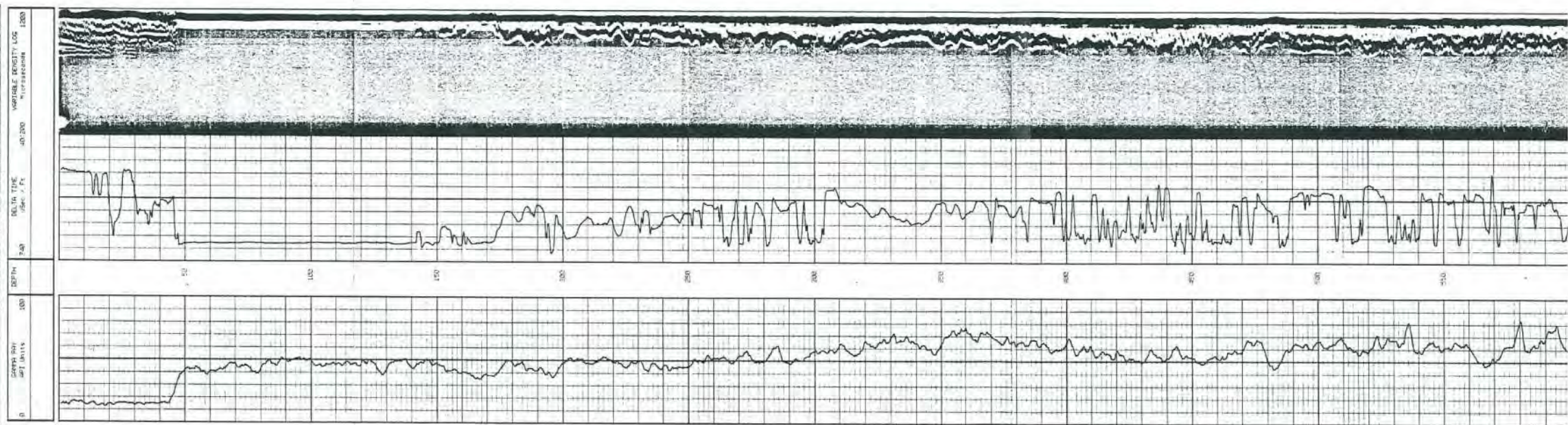
LOG TYPE	GARRA RAY	SONIC - SGL
LOG NO.	ONE	ONE
TOOL MODEL NO.	ONE	NLS
TOOL SERIAL NO.	1714	1722
DIAMETER	1.6"	2.125"
DETECTOR TYPE	SCINT	PIEZO
DETECTOR LENGTH	6"	1' 6 1/2"
UNITS/DIV	10 GFI	20 uS/cm/FI
SENSITIVITY	100/122	4
ZERO SET L OR R	0	2 - R
SPEED-FTS	10	17
DATA SAMPLES/FT	10	10
FORMATION FACTOR	N/A	N/A
LINE CONSTANT	2	N/A
PUMP RATE-GPM	N/A	N/A
PUMP RATE-GPM	N/A	N/A
PUMP RATE-GPM	N/A	N/A
LOGGING TYPE	STRENGTH	SPACING
MODEL NO		SERIAL NO

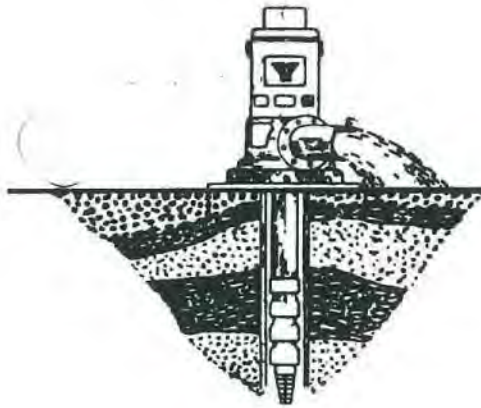
PERFORMANCES:

REMARKS: SGL RECORDED FROM 5' RECEIVER

NOTICE:
All interpretations are opinions based on inferences from electrical or other measurements and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

WELCO, INC.





Miller Pump Service

Deep Well Turbine Specialists

January 16, 1989

[REDACTED]
Los Angeles, Ca. 90004

SUBJECT: Well test information:

Dear Mr. [REDACTED];

Please find enclosed test reports on Wells # 25, and # 26, tested on January 12th., and 13th., 1989.

Well # 25 - I would suggest a pump setting of 300 feet at 150 GPM. Pressure above ground would determine the horse-power of the pump.

Well # 26 - I would suggest a pump setting of 300 feet at 550 GPM maximum in order to stay away from the air being produced from cascading water. I believe the well is capable of producing 800 GPM on a daily basis, 24 hours a day. Pressure above ground would determine the horse-power of the pump.

If you have any questions, please feel free to call me.

Sincerely,


Robert W. Miller

RWM/gf

well-61

DUPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 253143

Office of Intent No. _____
Local Permit No. or Date 014770

State Well No. 025/01W-15F015
Other Well No. _____

(1) OWNER: Name _____
Address _____
City LOS ANGELES, CA. ZIP 90004

(2) LOCATION OF WELL (See instructions):
County RIVERSIDE Owner's Well Number #25
Well address if different from above OFF WILDWOOD CYN. RD.
Township 2S Range 1W Section 15E
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 480 ft. Completed depth 480 ft.
from ft. 0 to 480 Formation (Describe by color, character, size or material)
0-40' - SOFT BROWN DG
40-120' FIRM BROWN DG
120-180' FIRM BLUE DG
180-240' HARD BLUE DG
240-260' BROKEN-UP BLUE DG
260-320' BROKEN-UP BLUE & GREEN DG/WATER
320-340' BLUE & BROWN DG MIX
340-380' BROKEN-UP BLUE DG/WHITE QUARTZ
& MORE WATER
380-480' BROKEN-UP BLUE & GREEN DG WITH
LOTS OF WATER



(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 (Specify) COMMERCIAL

WELL LOCATION SKETCH

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No Size 3/8"
Diameter of bore 12"
Cased from 50 ft. to 462 ft.

(7) CASING INSTALLED

From ft.	To ft.	Dia. in.	Gage or Wall
0	480	8 5/8	180

(8) PERFORATIONS

From ft.	To ft.	Slot size
189	399	.060
399	482	.0120

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

(10) WATER LEVELS:
Depth of first water, if known 260 ft.
Standing level after well completion 143 ft.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? DRILLER
Type of test Pump Bailer Air lift
ft. to water at start of test 143 ft. At end of test _____ ft.
Flow rate 475 gal/min after 2 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

Work started 12-8 19 88 Completed 12-14 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 SAM CRUM WATER WELL DRILLING
1803 MARYVALE TWP.

Address _____
City HEMET, CA. ZIP 92344

License No. 534298 Date of this report _____



Miller Pump Service

Deep Well Turbine Specialists

January 16, 1989

[REDACTED]
Los Angeles, Ca. 90004

SUBJECT: Well test information:

Dear Mr. Dickinson;


Please find enclosed test reports on Wells # 25, and # 26, tested on January 12th., and 13th., 1989.

Well # 25 - I would suggest a pump setting of 300 feet at 150 GPM. Pressure above ground would determine the horse-power of the pump.

Well # 26 - I would suggest a pump setting of 300 feet at 550 GPM maximum in order to stay away from the air being produced from cascading water. I believe the well is capable of producing 800 GPM on a daily basis, 24 hours a day. Pressure above ground would determine the horse-power of the pump.

If you have any questions, please feel free to call me.

Sincerely,



Robert W. Miller

RWM/gf



Miller Pump Service

Deep Well Turbine Specialists

FIELD TEST REPORT

Owner: [REDACTED] Well No. 25
 Pump Mfr. Goulds Ser. No. _____ Well Dia. 8" Depth 462
 Motor Mfr. _____ Ser. No. _____ Frame _____
 H. P. 25 RPM 3500 Volts 400 Amps _____ Cycle _____
 Power Co. _____ Meter No. _____ Kh _____ C.T. Ratio _____
 Engine Mfr. Generator

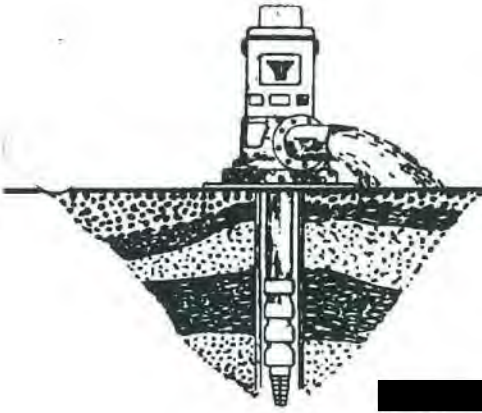
TEST DATES: 1/12/89 1/13/89

Pressure Readings in Lbs.	Airline, Static	109	104		
	Airline, Pumping				
	Discharge Head				
Airline Length - Feet		395	395		
Airline Static Pressure - Feet					
STATIC WATER LEVEL		144	155		
Airline Length - Feet					
Airline Pumping Pressure - Feet					
PUMPING LEVEL		201	252		
Discharge Head - Feet					
TOTAL HEAD - Feet		∅	∅		
Pumping Level - Feet		201	252		
Static Level - Feet		144	155		
DRAWDOWN		57	97		
Flow Reading	Pitot				
	Orifice				
	Other				
CAPACITY	GPM	185	165		
	Miners Inches				
GPM Per Foot Drawdown		3.24	1.70		
METER DATA: Revs/Sec					
KW Input					
HP Input					
BHP Input to Pump @ % Motor eff.					
PUMP RPM					
LOAD Volts					
LOAD Amps					
Water Horsepower					
Pump Efficiency					
Overall Efficiency					
KWH per Acre Foot					

Pump Setting: 395 ft. 395 ft.
 Column Size: 3" Discharge dia. 4" meter
 Bowl Assembly (Stages & Type) _____
 Remarks:

Miller Pump Service

Deep Well Turbine Specialists



Well # 25

1/12/89

SWL - standing	water level	144 ft.
9:30 A:M	100 GPM	109 PSI 144 ft. p/L
10:30 A:M	200 GPM	108 PSI 145 ft.
11:30 A:M	220 GPM	106 PSI 149 ft.
12:30 P:M	220 GPM	106 PSI 149 ft.
1:30 P:M	220 GPM	104 PSI 155 ft.
2:30 P:M	200 GPM	94 PSI 179 ft.
3:30 P:M	190 GPM	88 PSI 192 ft.
4:30 P:M	185 GPM	84 PSI 201 ft.

1/13/89

SWL - standing	water level	155 ft.
8:30 A:M	220 GPM	104 PSI 155 ft. p/L
9:30 A:M	185 GPM	84 PSI 201 ft.
10:30 A:M	177 GPM	76 PSI 219 ft.
11:30 A:M	170 GPM	72 PSI 229 ft.
12:30 P:M	165 GPM	70 PSI 233 ft.
1:30 P:M	165 GPM	66 PSI 243 ft.
2:30 P:M	165 GPM	62 PSI 252 ft.
4:00 P:M	165 GPM	62 PSI 252 ft.

Now YUWD WELL #64

H

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY

Do not fill in

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 074476

Well #6
Permit No. or Date 08037902

State Well No.
Other Well No.

OWNER: Name [Redacted]
Address [Redacted]
City Los Angeles, Ca. Zip 90057
(2) LOCATION OF WELL (See instructions):
County San Bernardino Owner's Well Number
Well address if different from above
Township 2S Range 1W Section 2
Distance from cities, roads, railroads, fences, etc.

(12) WELL LOG: Total depth 360 ft. Depth of completed well 360 ft.

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	145	DG
145	168	White Quartz, & black rock
168	200	DG
200	210	Fractured granite & DG
210	230	DG
230	258	Fractured granite & DG
258	265	Harder DG
265	280	Softer - lots of white clay
280	360	Granite & DG
360		STOP



(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

Method of Destruction -
 Hole filled in with earth & natural cuttings, as per County requirements.

(5) EQUIPMENT:
 Rotary Reverse
 Cable Air
 Other Bucket

(6) GRAVEL PACK:
 Yes No Size 6-208
 Diameter of bore
 Packed from to

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Cage or Wall

(8) PERFORATIONS:

From ft.	To ft.	Slot size

(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

Work started 8-13-79 Completed 8-14-79

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

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 Joseph W. Grammer (Well Driller)

(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 5-6 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

NAME Jack Jones Wells & Pumps
 P.O. Box 2031 (Typed or printed)
 Address Hemet, Ca. Zip 92343
 City 281601 License No. Date of this report 9-19-79

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jr's Copy

well 5V company
wells

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Very Good

Do not fill in
No. 068637

Use of Intent No. _____
Local Permit No. or Date _____

State Well No. _____
Other Well No. _____

OWNER: Name _____
Address _____
City **Los Angeles** CA. Zip **90057**

(12) WELL LOG: Total depth **200** ft. Depth of completed well **200** ft.

(2) LOCATION OF WELL (See instructions):
County **San Bernardino** Owner's Well Number _____
Well address if different from above **Oak Glen Piggah Peak Truck Tr.**
Township _____ Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

from ft.	to ft.	Formation (Describe by color, character, size or material)
0	50	Sealed Off
50	95	Fractured Granite & DG
95	-	Hard Granite
98	-	Broken Up
99	-	Hard
105	-	Broken Granite
115	118	Soft Broken (First Water)
120	-	15 GPM Hard White Rock
122	123	Broken Up
123	-	Hard Gray Rock
125	-	Hard Black Rock
127	-	Broken Up (More Water)
128	-	Hard
135	-	Softer Black (Broken up)
138	-	DG (Brown) Firm
140	-	50 GPM
155	-	Grey DG & Quartz (Firm to Soft)
160	-	60 GPM
165	-	Light Gray Rock Almost Quartz (Firm to 50 Ft.)
180	-	60 GPM
182	-	Fairly Hard
200	-	STOP



- (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 _____
Diameter of bore _____
Packed from _____ ft.

(7) CASING INSTALLED:

Steel Plastic Concrete

From ft.	To ft.	Dia. in.	Gauge or Wall
0	200	6	.125

(8) PERFORATIONS:

From ft.	To ft.	Slot size
0	200	.188

(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 **Concrete & Steel**

Work started **10-3-79** Completed **10-8-79**

(10) WATER LEVELS:
Depth of first water, if known **115** ft.
Standing level after well completion **140** ft.

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

(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 **120** 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

SIGNED **Jack Jones Wells & Pumps**
NAME **Wayne J. Brigne** (Well Driller)
Address **P.O. Box 2031**
City **Hemet** Zip **Ca. 92343**
License No. **281601** Date of this report **10-20-80**

Well 5 Vert

No Good

DUPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCE AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 074477

Well #7
08147901

State Well No. _____
Other Well No. _____

(1) OWNER: Name [REDACTED]
Address [REDACTED]
City Los Angeles, Ca. Zip 90057
(2) LOCATION OF WELL (See instructions):
County San Bernardino Owner's Well Number _____
Well address if different from above _____
Township 2S Range 1W Section 2
Distance from cities, roads, railroads, fences, etc. _____

(3) WELL LOG: Total depth 180 ft. Depth of completed well 180 ft.

ft.	to	ft.	Formation (Describe by color, character, size or material)
0	65		BROKEN rock & clay
65	115		BROKEN rock & some clay
115	160		Fractured rock (60-120 GPM)
160	180		Hard rock
130			STOP

(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

-Method of Destruction-
Hole filled in with earth & Natural cuttings, as per County requirements.

WELL LOCATION SKETCH
(5) EQUIPMENT:
Rotary Reverse
Cable Air
Chisel Bucket
(6) GRAVEL PACK:
Yes No Size 5.218
Diameter of hole _____
Packed from _____ to _____ ft.

(7) CASING INSTALLED:
Steel Plastic Concrete
(8) PERFORATIONS:
Type of perforation or size of screen

From ft.	To ft.	Dia. in	Gauge or Wall	From ft.	To ft.	Slot size

(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 _____ ft.
Standing level after well completion _____ ft.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? _____
Type of test Pump Blower Air lift
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge, 125 gal/min after _____ hours Water temperature _____
Chemical analysis under? Yes No If yes, by whom? _____
Was electric log made? Yes No If yes, attach copy to this report

Work started 8-15-79 Completed 8-16-79

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: _____ (Well Driller)
NAME Jack Jones Wells & Pumps
Address P.O. Box 2031
City Hemet, Ca. Zip 92343
License No. 281601 Date of this report 9-19-79

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Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY

Do not fill in

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 074475

Notice of Intent No. Well #5
Cal Permit No. or Date 08107901

State Well No. _____
Other Well No. _____

(1) OWNER: Name _____
City Los Angeles, Ca. Zip 90057

(12) WELL LOG: Total depth 240 ft. Depth of completed well 240 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions)
County San Bernardino Owner's Well Number _____
Well address if different from above _____
Township 2S Range 1W Section 2
Distance from cities, roads, railroads, fences, etc. _____

0	-	18	Clay & Broken rock
18	-	29	Red clay
29	-	70	Clay, DG, & broken rock
70	-	115	Soft brittle rock
115	-	140	Darker Broken rock
140	-	145	Fractured black rock
145	-	154	Black Rock
154	-	185	Large fractured area
185	-	200	Soft black rock
200	-	210	Fractured rock
210	-	218	Black rock
218	-	220	White Quartz
220	-	230	Soft Rock
230	-	231	White Quartz
231	-	240	Granite & fractured rock
240	-		STOP



(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

Method of Destruction -
Hole filled in with earth & natural cuttings, as per County requirements.

WELL LOCATION SKETCH

EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No Size 6-218
Diameter of bore _____
Packed from _____ to _____

(7) CASING INSTALLED:

Steel <input type="checkbox"/>	Plastic <input type="checkbox"/>	Concrete <input type="checkbox"/>
From _____ ft.	To _____ ft.	Dia. _____ in.
Cage or Wall		From _____ ft.
		To _____ ft.
		Slot size _____

(8) PERFORATIONS:

Type of perforation or size of screen		
From _____ ft.	To _____ ft.	Slot size _____

(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 _____ 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

Work started 8-10-79 Completed 8-10-79

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 Joseph W. Grammer (Well Driller)
NAME Jack Jones Wells & Pumps
Address P.O. Box 2031 (Person, firm or corporation) (Typed or printed)
City Hemet, Ca. Zip 92343
License No. 281601 Date of this report 9-19-79

WELL #3
 NOW YVWD
 WELL 66

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 48782
 State Well No. _____
 Other Well No. _____

(1) OWNER:
 Name _____
 Address _____
ANAHEIM, CA 92803

(11) WELL LOG:
 Total depth 550 ft. Depth of completed well 550 ft.
 Formation: Describe by color, character, size of material, and structure
57 TO FT. FT. TO
0 - 30 - OVERBURDEN
30 - 156 FT. - MED. RR.
156 - 157 FT. - CLAY
157 - 196 FT. - MED. RR.
196 - 196 FT. - ALT. MED. & HARD RR.
196 - 256 FT. - MED. RR.
256 - 309 FT. - ALT. MED. & HARD RR.
309 FT. - 310 FT. - CLAY
310 - 325 FT. - ALT. MED. & HARD RR.
325 - 426 FT. - CLAY
426 - 497 FT. - ALT. MED. & HARD RR.
497 - 550 FT. - HARD RR.

(2) LOCATION OF WELL:
 County SAN BERNARDINO Owner's number, if any 3
 Township, Range, and Section T. 15 S., R. 1 W., SEC. 2
 Distance from cities, roads, railroads, etc. APPROX. 1 1/2 MI. IN A
NORTHERLY DIRECTION FROM INTERSECTION OF
ARMWOOD CEM & CARBON

(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: # gravel packed

SINGLE DOUBLE

From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.
0	180	2" 30.570.		2 1/8"	0	180
		GAUG. PIPE		2"	180	506
				1 1/2"	506	550

Size of shoe or well ring: _____ Size of gravel: _____
 Describe joint: COUPLED

* WATER PICKUPS (INITIAL FLOWS)
FROM TO FLOW
0 - 180 FT. - 1 GPM (SEALED OFF)
180 - 196 FT. - 2 GPM
196 - 310 FT. - 1 GPM
310 - 315 FT. - 2 GPM
315 - 430 FT. - 4 GPM
430 - 480 FT. - 10 GPM
480 - 512 FT. - 8 GPM
512 - 550 FT. - 17 GPM
TOTAL INITIAL FLOW - 44 GPM

(7) PERFORATIONS OR SCREEN:
 Type of perforation or name of screen 1 1/2" 50.570 GAUG. PIPE

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
300	394.4	7	13	3/8" DRILLED HALFS
<u>(PERFORATIONS FROM 311 TO 332)</u>				

NOTE: WHEN CAPPED, WELL WILL STORE WATER UNDERGROUND UNTIL THE PRESSURE COLLAR LEVER REACHES 14(3) PSI.
 * DURING DRILLING OPERATIONS AND AFTER COMPLETION, WELL WAS ALLOWED TO FLOW UNRESTRICTED FOR PERIODS OF UP TO 48 HRS. & FLOW NEVER DROPPED BELOW 20 GPM. WHEN CAPPED, WELL STORED BACK TO MAXIMUM PRESSURE OVER-NIGHT.

(8) CONSTRUCTION:
 Was a surface sanitary seal provided? Yes No To what depth 150 ft.
 Were any struts used against pollution? Yes No If yes, note depth of struts:
ALL STRUTS - FT. 0 TO 180 FT.
 From _____ ft. to _____ ft.
 Method of casing _____

Work started 2/20 1972. Completed 3/29 1973
 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 PIERSON DRILLING
 (Person, firm, or corporation) (Typed or printed)

(9) WATER LEVELS: SEE NOTE - * *
 Depth at which water was first found, if known _____ ft.
 Standing level before perforating, if known _____ ft.
 Standing level after perforating or developing _____ ft.

(10) WELL TESTS: SEE NOTE - * *
 Was a test made? Yes No If yes, by whom? PIERSON DRILLING
 Yield: 44 gal./min. with _____ ft. drawdown after _____ hrs.
 Temperature of water 60 ° Was a chemical analysis made? Yes No
 Was electric log made of well? Yes No If yes, attach copy

Address 23003 OAK LN. (P.O. BOX 1028)
WESTLINE, CALIF. 92385
 (SIGNED) Paul P. Pierson
 (Well Driller)
 License No. 207691 Dated 3/30 1973

SKETCH LOCATION OF WELL ON REVERSE SIDE

WATER WELL DRILLERS REPORT
(Sections 7079, 7080, 7081, 7082, Water Code)

Do Not Fill In

No 48782

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

State Well No. _____

Other Well No. _____

<p>(1) OWNER: Name _____ Address _____ <u>ANARKIN, CA 92803</u></p> <p>(2) LOCATION OF WELL: County <u>SAN DIEGO</u> Owner's number, if any <u>3</u> Township, Range, and Section <u>T.8S, R.1W, SEC. 2</u> Distance from cities, roads, railroads, etc. <u>Approx 1 1/2 miles</u> <u>NORTHERLY DIRECTION FROM INTERSECTION OF</u></p> <p>(3) TYPE OF WORK (check): New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Destroying <input type="checkbox"/> If destruction, describe material and procedure in item 11.</p> <p>(4) PROPOSED USE (check): Domestic <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Municipal <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/></p> <p>(5) EQUIPMENT: Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Other <input type="checkbox"/></p> <p>(6) CASING INSTALLED: STEEL <input checked="" type="checkbox"/> OTHER: _____ SINGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/> <u># gravel pocket</u></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Diam.</th> <th>Gage or Wall</th> <th>Diameter of Bore</th> <th>From ft.</th> <th>To ft.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>180</td> <td>2" SD</td> <td>STV.</td> <td>2 1/8"</td> <td>0</td> <td>180</td> </tr> <tr> <td></td> <td></td> <td>SAND PIPE</td> <td></td> <td>2"</td> <td>180</td> <td>506</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>1 1/2"</td> <td>506</td> <td>550</td> </tr> </tbody> </table> <p>Size of shoe or well ring: _____ Size of gravel: _____ Describe joint <u>COUPLED</u></p> <p>(7) PERFORATIONS OR SCREEN: Type of perforation or name of screen <u>1 1/2" CO. STD. SAND PIPE</u></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Perf. per row</th> <th>Rows per ft</th> <th>Size in. x in.</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>394 1/2</td> <td>7</td> <td>13</td> <td>1/2" DRILLED HOLES</td> </tr> <tr> <td colspan="5"><u>PERFORATIONS FROM 311 TO 338</u></td> </tr> </tbody> </table> <p>(8) CONSTRUCTION: Was a surface sanitary seal provided? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> To what depth <u>150</u> ft. Were any strata sealed against pollution? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, note depth of strata <u>ALL STRATA - ft 0 TO 180 FT</u> From _____ ft to _____ ft Method of sealing _____</p> <p>(9) WATER LEVELS: <u>SEE NOTE</u> * Depth at which water was first found, if known _____ ft. Standing level before perforating, if known _____ ft. Standing level after perforating and developing _____ ft.</p> <p>(10) WELL TESTS: <u>SEE NOTE</u> * Was test made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, by whom? <u>PIERSON DRILLING</u> Yield: <u>44</u> gal./min. with _____ ft. drawdown after _____ hrs. Temperature of water <u>60</u> ° Was a chemical analysis made? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Was electric log made of well? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, attach copy</p>	From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.	0	180	2" SD	STV.	2 1/8"	0	180			SAND PIPE		2"	180	506					1 1/2"	506	550	From ft.	To ft.	Perf. per row	Rows per ft	Size in. x in.	300	394 1/2	7	13	1/2" DRILLED HOLES	<u>PERFORATIONS FROM 311 TO 338</u>					<p>(11) WELL LOG: Total depth <u>550</u> ft. Depth of completed well <u>550</u> ft. Formation Describe by color, character, size of material, and structure <u>0 TO 180 FT. - OVERBURDEN</u> <u>180 - 186 FT. - CLAY</u> <u>186 - 196 FT. - ALT. MED. & HARD RR.</u> <u>196 - 256 FT. - MED. RR.</u> <u>256 - 309 1/2 FT. - ALT. MED. & HARD RR.</u> <u>309 1/2 FT. - 310 FT. - CLAY</u> <u>310 - 325 FT. - ALT. MED. & HARD RR.</u> <u>325 - 326 FT. - CLAY</u> <u>326 - 430 FT. - ALT. MED. & HARD RR.</u> <u>430 - 550 FT. - HARD RR.</u></p> <p><u>PH WATER PICKUPS (INITIAL FLOWS)</u> <u>180 - 186 FT. - 1.0 GPM</u> <u>186 - 196 FT. - 2.0 GPM</u> <u>196 - 310 FT. - 1.0 GPM</u> <u>310 - 315 FT. - 2.0 GPM</u> <u>315 - 430 FT. - 2.0 GPM</u> <u>430 - 480 FT. - 10.0 GPM</u> <u>480 - 512 FT. - 3.0 GPM</u> <u>512 - 550 FT. - 17.0 GPM</u> <u>TOTAL INITIAL FLOW - 44 GPM</u></p> <p><u>NOTE: WHEN CAPPED, WELL WILL STORE WATER UNDERGROUND UNTIL THE "RESILIENCE" AT COLLAR LEVEL REACHES 14.0 PSI</u> <u>* DURING DRILLING OPERATIONS AND AFTER COMPLETION, WELL WAS ALLOWED TO FLOW UNRESTRICTED FOR PERIOD OF UP TO 4 HRS. & FLOW NEVER DROPPED BELOW 20 GPM. WHEN CAPPED, WELL STORED BACK TO MAXIMUM PRESSURE OVER-NIGHT.</u></p> <p>Work started <u>7:30</u> 12/22, Completed <u>3:29</u> 12/23 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 <u>PIERSON DRILLING</u> (Person, firm, or corporation) (Typed or printed) Address <u>3003 OAK LN. (PO BOX 1028)</u> <u>RESERVE, CALIF. 92285</u> (SIGNED) <u>[Signature]</u> (Well Driller) License No <u>207691</u> Dated <u>5/80</u> 1983</p>
From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.																																						
0	180	2" SD	STV.	2 1/8"	0	180																																						
		SAND PIPE		2"	180	506																																						
				1 1/2"	506	550																																						
From ft.	To ft.	Perf. per row	Rows per ft	Size in. x in.																																								
300	394 1/2	7	13	1/2" DRILLED HOLES																																								
<u>PERFORATIONS FROM 311 TO 338</u>																																												

SKETCH LOCATION OF WELL ON REVERSE SIDE

APPROXIMATE

TRIPPLICATE
Owner's Copy

NOW YUWD
WELL # 68

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT



Do not fill in

No. 069416

Office of Intent No. 193717
Permit No. or Date 05068201

State Well No.
County Well No.

OWNER: Name [Redacted]
Address [Redacted]
City Los Angeles Zip 90057
(2) LOCATION OF WELL (See instructions):
County San Berdo. In S.W. 1/4 of N.W. 1/4
Well address if different from above
Township 2S Range 1W Section 2
Distance from cities, roads, railroads, fences, etc.
Approx. 1/2 mi. N. of
Intersection of Oak Glen rd. & Wildwood Cyn.
rd.

(12) WELL LOG: Total depth 400 ft. Depth of completed well 400 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 10 - rky overburden
10 - 30 - decomposed granite
30 - 201 - med. hard rk
201 - 203 - clay
203 - 282 - alt. med. & hard rk
282 - 283 - clay
283 - 314 - alt. med. & hard rk
314 - 354 - unstable fault material
354 - 380 - fract. med. rk
380 - 400 - med. hard rk



(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

* Water Pick-ups (Initial Flows)
From - To - Flow
0 - 283 - 1 1/2 gpm (sealed off)
283 - 314 - 4 gpm
314 - 350 - 55 gpm
350 - 380 - 8 gpm
380 - 400 - 0
Total initial flow - 67 gpm

Note: When capped, well will store water underground until the pressure at collar level reaches 28+ psi.

(5) EQUIPMENT:
Casing Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No
Diameter of bore 2 1/2" - 0 to 284
2" - 284 to 400
Packed from to ft.

** After completion, well was allowed to flow unrestricted for 72 hrs. During this time, flow dropped to 64 gpm. where it appeared to be holding steady.

(7) CASING INSTALLED:
Steel Plastic Concrete
From ft. To ft. Dia. in. Casing or Wall Sched. No.
0 284 2 schd. 40
283 400 3/16" drilled holes

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

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 384 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Grout under pressure

Work started 5/10 19 82 Completed 5/21 19 82

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

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

(11) WELL TESTS: See note - - - - -
Was well test made? Yes No If yes, by whom Pierson Drilling
Type of test Flow Pump Bailor Air lift
Depth to water at start of test _____ ft. At end of test, 60 ft
Discharge 67 gal/min after 1 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

SIGNED _____ (Well Driller)
NAME Pierson Drilling
(Person, firm, or corporation) (Typed or printed)
Address P.O. Box 1028
City Crestline Zip 92325
License No 304075 Date of this report 6/5/82

YVWD # 68

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

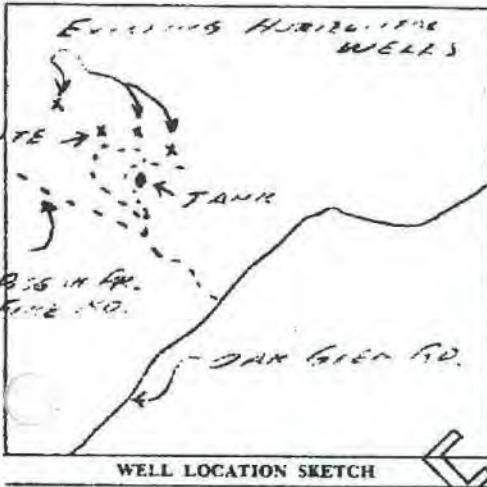
Do not fill in
No. 069416

Intent No. 193717
Local Permit No. or Date 05068201

State Well No. _____
Other Well No. _____

(1) OWNER: Name [Redacted]
Address [Redacted]
City Los Angeles Zip 90057
(2) LOCATION OF WELL (See instructions):
County San Berdo. Owner's Well Number 10
Well address if different from above In S.W. 1/4 of N.W. 1/4
Township 2S Range 1W Section 2
Distance from cities, roads, railroads, fences, etc. Approx. 1/2 mi. N. of
intersection of Oak Glen rd. & Wildwood Cyn.
rd.

(12) WELL LOG: Total depth 400 ft. Depth of completed well 400 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 10 - rky overburden
10 - 30 - decomposed granite
30 - 201 - med. hard rk
201 - 203 - clay
203 - 282 - alt. med. & hard rk
282 - 283 - clay
283 - 344 - alt. med. & hard rk
344 - 354 - unstable fault material
354 - 380 - fract. med. rk
380 - 400 - med. hard rk



(3) TYPE OF WORK:
New Well Deepening
Reconstruction
Reconditioning
Horizontal Well
Destruction (Describe destruction materials and procedures in Item 1)
(4) PROPOSED USE:
Domestic
Irrigation
Industrial
Test Well
Stock
Municipal
Other

* Water Pick-ups (Initial Flows)
From - To Flow
0 - 283 - 0 gpm (sealed off)
283 - 344 - 4 gpm
344 - 350 - 55 gpm
350 - 380 - 8 gpm
380 - 400 - 0
Total initial flow 67 gpm

Note: When capped, well will store water underground until the pressure at collar level reaches 20+ psi.

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) OVERFLOWER:
Yes No
Diameter of bore 2 1/2 - 2 3/4 to 400
Riser from N

** After completion, well was allowed to flow unregulated for 72 hrs. During this time, flow dropped to 64 gpm. where it appeared to be holding steady.

(7) CASING INSTALLED:
Steel Plastic Concrete
From ft. To ft. Dia. in. Casing or Wall sch. From ft. To ft. Slot size
0 283 5 2 3/4 283 400 1/8"

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

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 304 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Grout under pressure

Work started 5/10 19 82 Completed 5/21 19 82

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

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

(11) WELL TESTS: See note
Was well test made? Yes No If yes, by whom Pierson Drilling
Type of test Flow Pump Bailer Air lift
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge 67 gal. min. after 1 hours. Water temperature 60°F
Chemical analysis made? Yes No If yes, by whom? _____
Electric log made? Yes No If yes, attach copy to this report

SIGNED [Signature] (Well Driller)
NAME Pierson Drilling
(Person, firm, or corporation) (Typed or printed)
Address P.O. Box 1028
City Crestline Zip 92325
License No. 304075 Date of this report 6/5/82

4 Horiz

THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

YVWD # 69

No. 01281

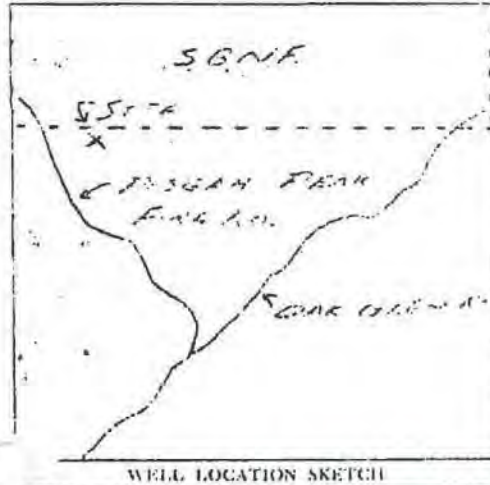
Notice of Intent No. 10583
Local Permit No. or Date 09217802

State Well No.
Other Well No.

OWNER: Name [Redacted]
Address [Redacted]
City Los Angeles Zip 90057
(2) LOCATION OF WELL (See instructions):
County San Berdo. Owner's Well Number #2
Well address if different from above Old Oak Glen Ranch
Township 2S Range 1W Section 2
Distance from cities, roads, railroads, fences, etc. Approx. 1 1/2 mi. N. of
intersection of Wildwood Cyn. Rd. & Oak Glen
Rd.

(12) WELL LOG: Total depth 520 ft. Depth of completed well 520 ft.

From ft.	To ft.	Formation (Describe by color, character, size or material)
0	5	loose fractured rk.
5	47	Med. hard rk.
47	49	tough clay
49	160	Med. hard rk.
160	196	alt. med. and hard rk.
196	200	very hard rk.
200	332	alt. med. & hard rk.
332	333	tough clay
333	452	Med. hard rk.
452	466	very hard rk.
466	520	alt. med. hard & hard rk.



(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

* Water pick-ups (Initial Flows)

From	To	Flow
0	333	3 G.P.M. (sealed off)
333	390	35 G.P.M.
390	430	15 G.P.M.
430	470	10 G.P.M.
Total initial flow - 60 G.P.M.		

Note - When capped, well will store water underground until the pressure at collar level reaches 30+ p.s.i.

(7) EQUIPMENT:
 Rotary Reverse
 Casing Air
 Other Horizontal

(6) CRAWL RACK:
 Yes No Size _____
 Diameter of bore 2 1/2" 0 to 333 1/2"
 Packed from 2" 333 1/2 to 455 ft.
 1 1/2" 455 to 520'

** After completion, well was allowed to run unrestricted for periods of up to 72 hrs. several times. During these periods, the flow dropped off from its initial flow of 60 G.P.M. to approx. 30 G.P.M. within 12 hrs. and then held steady for the remainder of the test.

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Cage or Wall
0	333 1/2	2"	I.D. std. galv.

(8) PERFORATIONS:

From ft.	To ft.	Slot size
328-8	455	3/16" drilled holes

(5) WELL SEAL:
 Was surface sanitary seal provided? Yes No If yes, to depth 333-6 ft.
 Were strata sealed against pollution? Yes No Interval _____ ft.
 Method of sealing: Grout under pressure

(10) WATER LEVELS: See note - - - - - #
 Depth of first water, if known _____ ft.
 Standing level after well completion _____ ft.

(11) WELL TESTS: See note - - - - - **
 Was well test made? Yes No If yes, by whom Pierson Drilling
 Type of test Flow Pump Bailor
 Depth to water at start of test _____ ft. At end of test _____ ft.
 Discharge 30 gal/min after _____ hours Water temperature 59°
 Chemical analysis made? Yes No If yes, by whom _____
 Electric log made? Yes No If yes, attach copy to this report

Work started 3/26/79 Completed 3/27/79

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

SIGNED: [Signature]
 NAME: Pierson Drilling
 Address: P.O. Box 1028
 City: Crestline Zip: 92325
 License No.: 304075 Date of this report: 5/8/79

Well 4 H

NOW YVWD
WELL# 69

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

No. 01281

Notice of Intent No. 10583

Permit No. or Date 09217802

State Well No.

Other Well No.

(1) OWNER: Name [Redacted]
City Los Angeles Zip 90057

(2) LOCATION OF WELL (See instructions):
County San Berdo. Owner's Well Number [Redacted]
Well address if different from above Old Oak Glen Ranch
Township 2S. Range 1W. Section 2
Distance from cities, roads, railroads, fences, etc. Approx. 1 1/2 mi. N. of
Intersection of Wildwood Cyn. Rd. & Oak Glen Rd.



- (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

(12) WELL LOG: Total depth 520 ft. Depth of completed well 520 ft.

From ft.	To ft.	Formation (Describe by color, character, size or material)
0	5	loose fractured rk.
5	47	Med. hard rk.
47	49	tough clay
49	160	Med. hard rk.
160	196	alt. med. and hard rk.
196	200	very hard rk.
200	332	alt. med. & hard rk.
332	333	tough clay
333	452	Med. hard rk.
452	466	very hard rk.
466	520	alt. med. hard & hard rk.

* Water pick-ups (Initial Flows)

From	To	Flow
0	333	3 G.P.M. (sealed off)
333	390	35 G.P.M.
390	430	15 G.P.M.
430	470	10 G.P.M.
Total initial flow - 60 G.P.M.		

Note - When capped, well will store water underground until the pressure at collar level reaches 30+ p.s.i.

(8) EQUIPMENT:

Rotary <input checked="" type="checkbox"/>	Reverse <input type="checkbox"/>
Cable <input type="checkbox"/>	Air <input type="checkbox"/>
Other <input checked="" type="checkbox"/> Horizontal	<input type="checkbox"/>

(9) GRAVEL PACK:

Yes <input type="checkbox"/>	No <input type="checkbox"/>	Size
Diameter of hole		2 1/2" 0 to 333 1/2'
Packed from		2" 333 1/2' to 455'
		1 1/2" 455' to 520'

(7) CASING INSTALLED:

Steel <input checked="" type="checkbox"/>	Plastic <input type="checkbox"/>	Concrete <input type="checkbox"/>
---	----------------------------------	-----------------------------------

From ft.	To ft.	Dia. in.	Gauge or Wall
0	333 1/2'	2" I.D.	std. galv.

(8) PERFORATION:

From ft.	To ft.	Slot size
328-8	455	3/16" drilled holes

** After completion, well was allowed to run unrestricted for periods of up to 72 hrs. several times. During these periods, the flow dropped off from its initial flow of 60 G.P.M. to approx. 30 G.P.M. within 12 hrs. and then held steady for the remainder of the test.

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 333-6 ft.
Were strata sealed against pollution? Yes No Interval - ft.
Method of sealing Grout under pressure

Work started 3/26 1979 Completed 4/27 1979

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

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

(11) WELL TESTS: See note - - - - - **
Was well test made? Yes No If yes, by whom Pierson Drilling
Type of test Flow Pump Bailer Air lift
Depth to water at start of test - ft. - At end of test - ft. -
Discharge 30 gal/min after - hours - Water temperature 59°
Chemical analysis made? Yes No If yes, by whom -
Was lectin log made? Yes No If yes, attach copy to this report

SIGNED: [Signature]
NAME Pierson Drilling
Address P.O. Box 1020
City Crestline Zip 92325
License No. 304075 Date of this report 5/8/79

NOW YVWD WELL # 70

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 069452

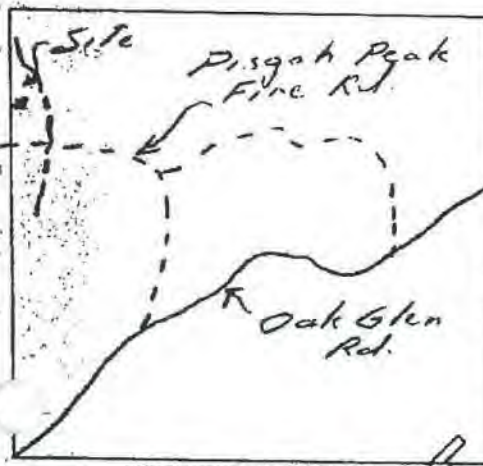
Intent No. 193755

Local Permit No. or Date 01288601

State Well No. _____
Other Well No. _____

(1) OWNER: Name [Redacted]
Address [Redacted]
City Los Angeles Zip 90057

(2) LOCATION OF WELL (See instructions):
County San Berdo. Owner's Well Number 13
Well address if different from above _____
Township 25 Range 1W Section 2
Distance from cities, roads, railroads, fences, etc. in the westerly portion of the SW 1/4 of NW 1/4 of NW 1/4, Sec. 2



(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

(12) WELL LOG: Total depth 496 ft. Depth of completed well 476 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 3 - overburden
3 - 70 - decomposed granite
70 - 128.6 - Med. rk.
128.6 - 129 - clay
129 - 272.6 - alt. Med. & hard rk.
272.6 - 273 - clay
273 - 330 - Med. rk.
330 - 410 - alt. Med. hard & hard rk.
410 - 456 - Med. rk.
456 - 467 - Fault zone
467 - 476 - alt. Med. & hard rk.

Water pumps (Initial Flows)
273 - 275 2 gpm
374 - 456 20 gpm
456 - 467 30 gpm
467 - 480 35 gpm
480 - 496 45 gpm
Total Initial Flow - 45 gpm

Notes: When copped, well will stop water underground until 71 lb pressure at collar level reaches 214 p.s.i.

During drilling operations and after completing well was allowed to flow unrestricted for periods of up to 72 hrs. Initial flow of 45 gpm drops to 42 gpm in 1 hr and 38 gpm after 24 hrs. Thus no further drop was noted.

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No
Diameter of bore 2" - 273 - 476
Packed from _____ ft.

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Gauge or Wall
0	273	8"	std. gal. pipe

(8) PERFORATIONS:

Type of perforation or size of screen	From ft.	To ft.	Slot size
drilled holes	272	476	3/16"

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 273 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Grout under pressure

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

(11) WELL TESTS: See note
Was well test made? Yes No If yes, by whom? Pierson Drilling
Type of test: Flow Pump Bailer Air lift
Depth to water at start of test _____ ft. At end of test _____ ft.
Flow 38 gal/min after 72 hours Water temperature 60°
Chemical analysis made? Yes No If yes, by whom?
Is electric log made? Yes No If yes, attach copy to this report

Work started 1/29 1986 Completed 1/30 1986

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: Gene P. Malcom (Well Driller)
NAME: Pierson Drilling (Person, firm, or corporation) (Typed or printed)
Address: P.O. Box 1028
City: Crestline Zip 92525
License No. 304075 Date of this report 3/4/86

YVWD # 71

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA

Do not fill in

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

No. 069445

WATER WELL DRILLERS REPORT

State Well No. _____

Other Well No. _____

of Intent No. 193748
Local Permit No. or Date 05088501

(1) OWNER: Name _____
Address _____
City Los Angeles Zip 90057

(12) WELL LOG: Total depth 445 ft. Depth of completed well 445 ft.
from ft. to ft. Formation (Describe by color, character, size or material)
0 - 3 - overburden
3 - 105 - decomposed granite
105 - 291 - alt. med. & med. hard rk.
291 - 294 - clay (fault)
294 - 380 - alt. med. & hard rk.
380 - 400 - med. rk & unstable (fault)
400 - 445 - med. rk.

(2) LOCATION OF WELL (See instructions):
County San Berdo Owner's Well Number 12

Well address if different from above _____
Township 2N Range 1W Section 2
Distance from cities, roads, railroads, fences, etc. in SW 1/4 of NW 1/4
of NW 1/4, Sec. 2, T. 2S, R. 1W.



(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

*Water Pick-ups (Initial Flows)
From To Flow
0 - 294 - 1 gpm (sealed off)
294 - 380 - 40 gpm
380 - 400 - 45 gpm
400 - 410 - 25 gpm
410 - 445 - 10 gpm
Total Initial Flow - 60 gpm

Note: When cased well with
stand water underground
at all the pressure at
surface level reaches 24(+)
psc.

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No Size _____
Diameter of hole _____
Packed from _____ to _____

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Gage or Wall
0	295	std.	std.
		gold pipe	399

(8) PERFORATIONS:

From ft.	To ft.	Slot size
294	399	none
399	445	3/16"

** After completion, well
was allowed to flow un-
restricted for 72 hrs. Dur-
ing first 12 hrs, initial
flow dropped to 50 gpm -
then no further drop
was noted.

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 295 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing Grout under pressure

(10) WATER LEVELS: See note - *
Depth of first water, if known _____ ft.
Standing level after well completion _____ ft.

(11) WELL TESTS: See note - *
Was well test made? Yes No If yes, by whom? Person Drilling
Type of test Pump Bailor Air lift
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge 50 gal/min after 72 hours. Water temperature 60
Chemical analysis made? Yes No If yes, by whom? _____
Was electric log made? Yes No If yes, attach copy to this report

Work started 5/10 1985 Completed 5/31 1985
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 Gene P. Malvern
(Well Driller)
NAME Pierson Drilling
(Person, firm, or corporation) (Typed or printed)
Address P.O. Box 1028
City Crestline Zip 92325
License No. 304075 Date of this report 6/6/85

NOW YVWD WELL # 72

STATE OF CALIFORNIA
THE RESOURCES AGENCY

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2S/W-3H1

DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 322799

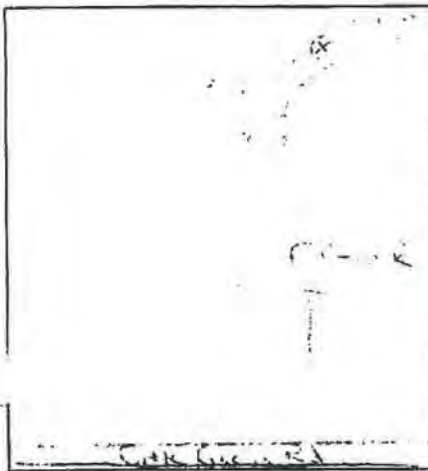
Notice of Intent No. _____
Local Permit No. or Date 02279013

State Well No. _____
Other Well No. _____

(1) OWNER: Name _____
Address _____
City LOS ANGELES, CA. ZIP 90004

(2) LOCATION OF WELL (See instructions):
County SAN BERNARDINO Owner's Well Number 28
Well address if different from above OFF OAK GLEN RD IN
Township 2S Range 1W Section 3
Distance from cities, roads, railroads, fences, etc. APP. 3 MILES OFF
OAK GLEN RD. IN OAK GLEN CA.

(12) WELL LOG: Total depth 500 ft. Completed depth 500 ft.
from ft. 0 to 500. Formation (Describe by color, character, size or material)
0-160' - FIRM BROWN DG
160-200+ BROKENUP BLUE GRANITE
200-280+ BROKENUP BLACK GRANITE
280-360+ BROKENUP BLUE GRANITE/WATER
360-440+ BROKENUP BLUE & BLACK GRANITE
440-460+ BROKENUP BLUE/GREEN GRANITE/WATER
460-500+ BROKENUP BLACK & BLUE GRANITE
500' - STOP



(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)

WELL LOCATION SKETCH

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No Size 3/8"
Diameter of bore _____
Packed from 50 to 500 ft.

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Gage or Wall
0	10	3 5/8"	.250
0	500	5"	200

(8) PERFORATIONS:

From ft.	To ft.	Slot size
300	500	.032

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
Were strata sealed against pollution? Yes No Interval _____ ft.
Method of sealing STEEL & CONCRETE

(10) WATER LEVELS:
Depth of first water, if known 320 ft.
Standing level after well completion 300 ft.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? DRILLER
Type of test _____ Pump Bailor Air lift
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge 60 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

Work started 4-8 19 90 Completed 313-90 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.
Signed _____ (Well Driller)
NAME SAH CROM WATER WELL DRILLING, INC.
1803 MARTVALE LN.
Address _____
City HEMET, CA. ZIP 92344
License No. 534298 Date of this report 3-16-90