

APPENDIX D
GEOLOGIC SECTION WELL LOGS

Geologic Section A-A'

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 244954

Name of Intent No. _____

Local Permit No. or Date _____

State Well No. _____

Other Well No. 12N03E02F

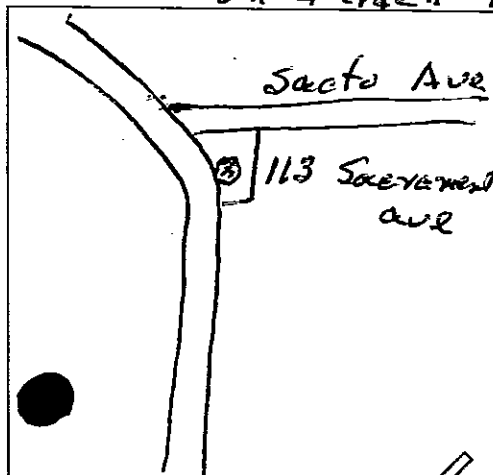
(2) LOCATION OF WELL (See instructions):

County Sutter Owner's Well Number _____

Well address if different from above _____

Township _____ Range _____ Section _____

Distance from cities, roads, railroads, fences, etc. _____

1 1/2 mi South of Yuba City
On Garden Hwy

WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

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

(5) EQUIPMENT:

Rotary ☐Reverse ☐Cable ☒Air ☐Other ☐Bucket ☐

(6) GRAVEL PACK:

Yes ☐ No ☐ Size _____

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	44	8	10			

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 38' ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval 0-44 ft.Method of sealing Casing landed in clay

(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(12) WELL LOG: Total depth _____ ft. Depth of completed well _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)0-4 - Soil4-12 - Hard pan12-42 - Soft Sandy Clay42-60 - Bl Clay60-72 - Sandy Bl Clay72-80 - Bl Sand & gravel in BottomWork started 3/8 19 85 Completed 3/12 19 85

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 H. T. J. Herr (Well Driller)NAME Henry J. Herr (Person, firm, or corporation) (Typed or printed)Address 2410 Tuxcan RdCity Yuba City Zip 95991License No. 431172 Date of this report 3/13/85

ORIGINAL

STATE OF CALIFORNIA

Do not fill in

File with DWR

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

No. 244968

of Intent No. _____

Down Permit No. or Date _____

State Well No. _____

Other Well No. 12N03E02

(1) OW

Address _____

City _____

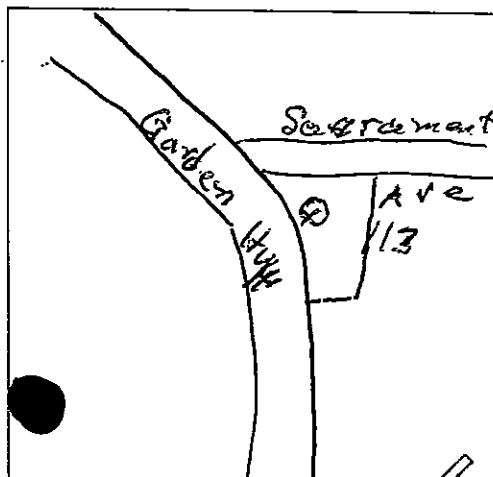
(2) LOCATION OF WELL (See instructions):

County Sutter Owner's Well Number _____

Well address if different from above _____

Township _____ Range _____ Section _____

Distance from cities, roads, railroads, fences, etc. _____

18 mi. south of Yuba City
on Garden Hiway

WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

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

(5) EQUIPMENT:

Rotary ☐Reverse ☐Cable ☒Air ☐Other ☐Bucket ☐

(6) GRAVEL PACK:

Yes ☐ No ☒ Size _____

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	54	9"	10			

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 50 ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval 0' - 54 ft.Method of sealing Casing landed in clay

(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

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

from ft. to ft. Formation (Describe by color, character, size or material)

0 - 4 Soil

4 - 12 Hardpan

12 - 42 Soft, sandy clay

42 - 60 Blue clay

60 - 72 Sandy, blue clay

72 - 80 Blue cemented sand, gravel in bottom

Work started 5/8 19 85 Completed 5/12 19 85

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 Henry T. Herr

(Well Driller)

NAME Henry T. Herr, Well-Drilling, Inc

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

Address 2410 Tuscan Rd.City Yuba CityZip 95991License No. 431172Date of this report 5/15/85

ORIGINAL
File with DWR

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

Do not fill in

No. 340815

Notice of Intent No. _____

State Well No. _____
Other Well No. 12N04E04B

Local Permit No. or Date _____

(
A
C

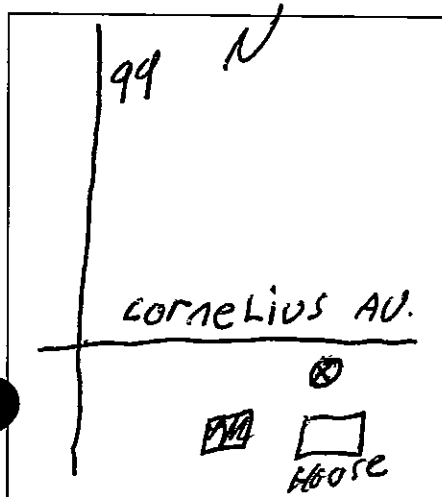
(2) LOCATION OF WELL (See instructions):

County SUTTER Owner's Well Number _____

Well address if different from above _____

Township 13 Range 4E Section 4

Distance from cities, roads, railroads, fences, etc. _____



WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐

Reconstruction ☐

Reconditioning ☐

Horizontal Well ☐

Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☐

Irrigation ☐

Industrial ☐

Test Well ☐

Municipal ☐

Other ☐

(Describe)

(5) EQUIPMENT:

Rotary ☐

Reverse ☐

Cable ☒

Air ☐

Other ☐

Bucket ☐

(6) GRAVEL PACK:

Yes ☐

No ☒

Size _____

Diameter of bore _____

Packed from _____

to _____

(7) CASING INSTALLED:

Steel ☒

Plastic ☐

Concrete ☐

(8) PERFORATIONS:

Type of perforation or size of screen _____

From ft. 0

To ft. 84

Dia. in. 6

Gage or Wall 10

From ft. _____

To ft. _____

Slot size _____

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 20 ft.

Were strata sealed against pollution? Yes ☒ No ☐ Interval 20 ft.

Method of sealing _____

(10) WATER LEVELS:

Depth of first water, if known _____ ft.

Standing level after well completion 30 ft.

(11) WELL TESTS:

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

Type of test _____

Pump ☐

Bailer ☐

Air lift ☐

Depth to water at start of test _____ ft.

At end of test _____ ft.

Discharge _____ gal/min after _____ hours

Water temperature _____

Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____

Was electric log made? Yes ☐ No ☐ If yes, attach copy to this report

(12) WELL LOG: Total depth 194 ft. Completed depth 194 ft.

from ft. to ft. Formation (Describe by color, character, size or material)

0 - 1 TOP
1 - 17 Brown clay
17 - 19 Shell
19 - 34 Brown clay
34 - 36 Shell
36 - 41 Brown clay
41 - 45 SOFT Brown clay
45 - 48 Sand
48 - 54 Brown clay
54 - 58 Sandy Brown clay
58 - 71 Brown clay
71 - 79 Sand
79 - 84 Brown clay
84 - 88 Shell
88 - 89 Brown clay
89 - 93 Shell
93 - 106 Hard Brown clay
106 - 109 Sandy Brown clay
109 - 115 Shell
115 - 128 Brown clay
128 - 130 Shell
130 - 132 SOFT Brown clay
132 - 148 Brown clay
148 - 156 SOFT sandy Brown clay
156 - 158 Shell
158 - 162 Brown clay
162 - 164 Shell
164 - 168 Brown clay
168 - 172 Shell
172 - 176 Hard Brown clay
176 - 181 Sandy Brown clay
181 - 187 Shell
187 - 190 Sandy Brown clay
190 - 194 Shell

Work started 6/26 90 Completed 7/6 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 _____

NAME SUPERIOR DRILLING Co.

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

Address 1146 GRAND AVE

City MARSHVILLE CA ZIP 95901

License No. 466272 Date of this report 7-6-90

MO-13N/
3E-36E1

BASIN _____

DWR NO. _____ 16 _____ B & M

OTHER NOS. #133 36 S 1

7-27B

119

WELL LOG

51-746

LOCATION _____ :

OWNER_

DRILLED BY Crandall and Herr ADDRESS _____

DRILLING METHOD _____ GRAVEL PACKED _____ DATE COMPLETED Nov. 1926

SIZE OF CASING DEPTH _____ STRUCK WATER AT _____

PERFORATIONS _____ SIZE _____ No. _____

WATER LEVEL BEFORE PERFORATING _____ AFTER _____

TEST DATA: DISCHARGE G. P. M. _____ DRAWDOWN FT. _____ HOURS RUN _____

OTHER DATA AVAILABLE: WATER LEVEL RECORD. ANALYSIS

SURFACE ELEV. _____ DATUM _____ SOURCE OF INFORMATION Driller

[illegible]

FOR FIELD COPIES USE ALTERNATE LINES

LOG OBTAINED BY _____ DATE _____ SHEET 1 OF _____

MD-13N/3E-36F1
BASIN 16
DWR NO. 133 36 F 1 B & M
OTHER NOS. 51-458 180

WELL LOG

LOCATION _____

OWNER _____ ADDRESS _____

DRILLED BY Crandall and Herr ADDRESS _____

DRILLING METHOD _____ GRAVEL PACKED _____ DATE COMPLETED Feb. 1935

SIZE OF CASING DEPTH _____ STRUCK WATER AT _____

PERFORATIONS	SIZE	No.
--------------	------	-----

WATER LEVEL BEFORE PERFORATING _____ AFTER _____

TEST DATA: DISCHARGE G. P. M. _____ DRAWDOWN FT. _____ HOURS RUN _____

OTHER DATA AVAILABLE: WATER LEVEL RECORD. ANALYSIS.

SURFACE ELEV. _____ DATUM _____ SOURCE OF INFORMATION Driller

[illegible]

LOG OBTAINED BY _____ DATE _____ SHEET 1 OF _____

REGION _____
COUNTY Sutter
NEAR _____

DIVISION OF WATER RESOURCES

DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

MD 13N/4E-31J1
BASIN _____
DWR NO. 134 31J1 B & M
Nos. 16-33
51-789
168

WELL LOG

LOCATION _____

OWNER _____

DRILLED BY Crandall and Herr ADDRESS _____

DRILLING METHOD _____ GRAVEL PACKED _____ DATE COMPLETED 3/39

SIZE OF CASING DEPTH _____ STRUCK WATER AT _____

PERFORATIONS _____ SIZE 1 1/4" No. _____

WATER LEVEL BEFORE PERFORATING _____ AFTER _____

TEST DATA: DISCHARGE G. P. M. _____ DRAWDOWN FT. _____ HOURS RUN _____

OTHER DATA AVAILABLE: WATER LEVEL RECORD _____ ANALYSIS _____

SURFACE ELEV. _____ DATUM _____ SOURCE OF INFORMATION Log book

DEPTH	ELEV. OF BOTTOM OF STRATUM	MATERIAL	THICK- NESS	SP. YIELD %
3		Soil		
13		Clay, brown		
15		Sand, brown		
36		Clay, brown		
40		Gravel		
50		Gravel, cemented		
68		Clay, brown		
74		Clay, brown, soft		
98		Clay, brown		
108		Sand, brown, cemented		
114		Clay, brown		
116		Sand, cemented		
120		Gravel and sand, caving at 105		

Noted and Coded
As Well 1/31/40 31J1

FOR FIELD COPIES USE ALTERNATE LINES

LOG OBTAINED BY _____ DATE _____ SHEET 1 OF _____

DWR 188 (REV. 3-54)

N.B., location of this well may not agree with Hyde Forbes or Kirk Bryan. This location was obtained from Natomas Co. records and is believed to be correct. 51-791

REGION Sutter
COUNTY Sutter
NEAR _____

DIVISION OF WATER RESOURCES

DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

BASIN MD 13N/4E-32H1
DWR NO. 134 32H1 B & M
SER NOS 16-35

51-791

WELL LOG

LOCATION Lot 29, Subdivision 1, Bear River Garden, Subarea, Nicolas Quad
Rio Oso, California

OWNER _____

DRILLED BY Linscott Drilling Co. ADDRESS _____
Log 43

DRILLING METHOD _____ GRAVEL PACKED _____ DATE COMPLETED Aug. 6-Sept. 30, 1913

SIZE OF CASING DEPTH _____ STRUCK WATER AT _____

PERFORATIONS _____ SIZE _____ No. _____

WATER LEVEL BEFORE PERFORATING _____ AFTER _____

TEST DATA: DISCHARGE G. P. M. _____ DRAWDOWN FT. _____ HOURS RUN _____

OTHER DATA AVAILABLE: WATER LEVEL RECORD _____ ANALYSIS _____

SURFACE ELEV. _____ DATUM _____ SOURCE OF INFORMATION DWR - Hyde Forbes

DEPTH	ELEV. OF BOTTOM OF STRATUM	MATERIAL	THICK- NESS	SP. YIELD %
10		Top soil	10	
18		Hard pan	8	
30		Soft clay	12	
35		Fine gravel	5	
69		Clay	34	
73		Loose sand	4	
95		Clay	23	
120		Clay and fine gravel	25	
140		Yellow clay	20	
155		White clay	15	
170		Yellow clay	15	
207		All clay with small gravel	37	
210		Sand, gravel, and clay	3	
218		White clay	8	
272		Blue shale	54	
300		Shale and lava	28	
307		Shale	7	
315		Lava	8	
320		Shale	5	
330		Lava	10	
348		Lava sand	18	
395		Blue shale	47	
397		Gravel	2	
405		Shale	8	
430		Lava	25	
435		Shale	5	
450		Lava	15	
463		Blue shale	13	

FOR FIELD COPIES USE ALTERNATE LINES

LOG OBTAINED BY _____ DATE _____ SHEET 1 OF 2

DIVISION OF WATER RESOURCES
DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

51-791

SHEET 2

NUMBER 134 32H1

WELL LOG

LOCAL DESIGNATION 16-35

DEPTH	ELEVATION OF BOTTOM OF STRATUM	MATERIAL	THICKNESS FEET	% VOIDS	ABSOLUTE VOIDS FEET	TOTAL VOIDS FEET
475		Lava	12			
485		Blue shale, sloughing	10			
505		Lava	20			
510		Blue shale	5			
570		Lava	60			
580		Shale	10			
685		Lava	105			
690		Blue shale	5			
710		Lava	20			
735		Blue shale	25			
740		Lava ash	5			
768		Lava	28			
785		Loose lava	17			
795		Hard lava	10			
806		Loose lava	11			
		Casing - 11-5/8" casing 378 ft. deep 9-5/8" casing 806 ft. deep				
		Perforations:				
		Double slots from 500' up to 380'				
		600' up to 500'				
		800' up to 600'				
		Some casing pulled out.				
		Test with air line about 200 gals. per minute.				
		Water level 6 ft.				

FOR FIELD COPIES USE ALTERNATE LINES

(Sections 7076, 7077, 7078, Water Code)

(1) Driller:

Name Frank P. Conley
Address 432-Feather River Blvd
Marysville, Calif
License No. 105346 Classification C. 57

(2) Proposed use or uses (*check*): (3) Equipment used

Domestic ☒ Municipal ☐ (check):
Irrigation ☐ Industrial ☐ Rotary ☐
Domestic and Test well ☐ Cable ☒
Irrigation ☐ Dug well ☐
Other _____ Other _____

Owner:

Name.....
Address.....

(4) Type of work (*check*):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:

Total depth of well 84 ft.

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

Depth From Ground Surface

[illegible]

top soil
hard pan
brown clay
soft brown clay
brown clay
gray sand
tough brown clay
fine brown sand

Noted and Coded
As Well 13 N 4E 32W

~~FOR OFFICIAL USE ONLY~~

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

(6) Casing left in well:

LENGTH
FT

DIAMETER
INCHES

SINGLE, DOUBLE, WELDED,
OTHER

LBS. PER FOOT OR
GAGE OF CASINGSEATING BELOW
GROUND SURFACE, FT.

53

8"

used as a

170

4-2 ✓

Type and size of shoe or well ring 3 x 3/4 Welded joints ☒ Yes ☐ No

54467

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In
State Well No. 16N/4E-26N1
Other Well No. _____
Region _____

(7) Perforations:

Type of perforator used _____

Perforated	ft.	to	ft.	Hole size	No. of holes
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"

(8) Water levels:

Depth at which water
first encountered 18 ft.

Depth to water
before perforating _____ ft.

Depth to water
after perforating _____ ft.

Note any change in water level while drilling _____

(9) Well pumping test:

Date of test _____ By whom _____

Depth to water when test started _____ ft.

G.P.M. at beginning of test _____

Drawdown from standing level _____ ft.

G.P.M. at completion of test _____

Drawdown at completion of test _____ ft.

Length of time tested _____

Temperature of water _____

Was gas present in water? ☐ Yes ☐ No

(10) General:

Was well gravel packed? No Size of rock _____ Thickness of pack _____

Was a surface sanitary seal provided? No

Were any strata sealed against pollution? ☒ Yes ☐ No If yes, attach detailed description.

Strata sealed 5 1/2 ft. sealed casing driven into solid clay

Was analysis made of water? ☐ Yes ☒ No If yes, attach copy.

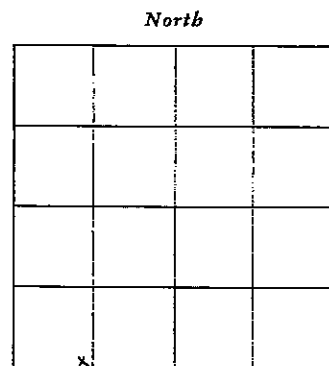
Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.

If well abandoned, was it plugged and sealed? _____

Method of plugging and sealing _____

FOR OFFICIAL USE ONLY

(11) Location:



1 MILE

Section No. 32

Township 13-North

Range 4-East

Base & Meridian N. 19

Show location of well in Section, thus (X)

Distances to section lines from well, N or S 75 ft. and E or W 4200 ft.

Show location of nearest known well, thus (O)

Distance to nearest known well _____ ft.

(12) Time of work:

Work started date Aug 8 Completed date Aug 9

Date of this report Oct. 6, 1951

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] Frank P. Conley
Well Driller

By Bernice Freeborn

License No. 105346 Classification C 57

Dated Oct. 6, 19 51

13N/4E-33J1

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

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

DO NOT CHECK

Do Not Fill In

No. 73352

State Well No.

Other Well No.

(1) OWNER:

(2) LOCATION OF WELL:

County SUTTER Owner's number, if any— NONE
R. F. D. or Street No. 1 MILE NORTH OF NICALOUS CREEK
AVE. ON PACIFIC AVE. HOUSE LOCATED
50 FT. WEST OF PACIFIC AVE. - WELL
LOCATED 30 FT. NORTH WEST OF GARAGE.
(TROWBRIDGE AREA)

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

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

(5) EQUIPMENT:

Rotary ☐
Cable ☒
Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐From 0 ft. to 100 ft. 8 Diam. 12 Gage or Wall

If gravel packed

Diameter of Bore from ft. to ft.

NONEType and size of shoe or well ring 8X12X4Describe joint BUTT WELDED

Size of gravel:

(7) PERFORATIONS:

Type of perforator used NONE

Size of perforations in., length, by in.

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

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

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

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

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

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

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

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

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☒ Yes ☐ No To what depth 2 FT. ft.Were any strata sealed against pollution? ☒ Yes ☐ No If yes, note depth of strataFrom 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.From 0 ft. to 100 ft.Method of Sealing CASING DRIVEN IN CLAY

(9) WATER LEVELS:

Depth at which water was first found 65 FT. ft.Standing level before perforating NO PERFORATING ft.Standing level after perforating ✓ ft.

(10) WELL TESTS:

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

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

Temperature of water Was a chemical analysis made? ☐ Yes ☒ NoWas electric log made of well? ☐ Yes ☒ No

(11) WELL LOG:

Total depth 155 ft. Depth of completed well 154 ft.

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

ft. to	ft.	Formation
0	3	TOP SOIL
3	30	RED CLAY
30	32	FINE BROWN SAND
32	80	SOFT BROWN CLAY
80	96	FINE BROWN SAND
96	145	HEAVY BROWN CLAY
145	155	BLUE CLAY & FINE SAND (BLUE)

FOR OFFICIAL USE ONLY

Work started MAY 13 1962 Completed MAY 14 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 SUTTER PUMP WORKSAddress 909 S WALTONCity FUBB CITY CALIF.[SIGNED] Carl J. Sam Well DrillerLicense No. 154299 Dated JUNE 18, 1962

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 111753

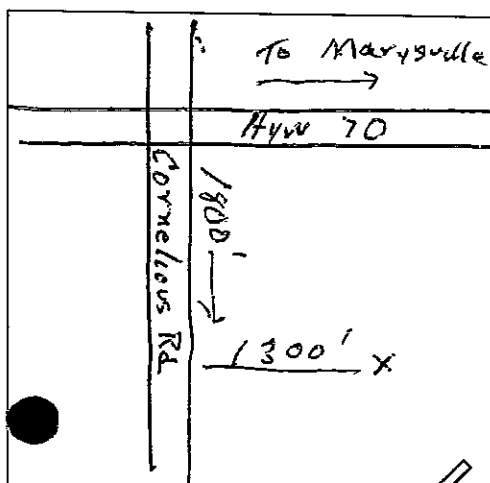
Permit No. or Date _____

State Well No. _____
Other Well No. 13N/4E-33P

(2) LOCATION OF WELL (See instructions):

County Sutter Owner's Well Number _____Well address if different from above East Nicholas

Township _____ Range _____ Section _____

Distance from cities, roads, railroads, fences, etc. 1300' N ofCornelius Rd 1800' East ofHwy 70

WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐Reconstruction ☐Reconditioning ☐Horizontal Well ☐Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

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

(5) EQUIPMENT:

Rotary ☐Reverse ☐Cable ☒Air ☐Other ☐Bucket ☐

(6) GRAVEL PACK:

Yes ☐No ☒

Size _____

Diameter of bore _____

Packed from _____ to _____

(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	152	4	10			

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☐ No ☒ If yes, to depth _____ ft.Were strata sealed against pollution? Yes ☒ No ☐ Interval 0-152'Method of sealing Casing landed in clay

(10) WATER LEVELS:

Depth of first water, if known 60 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 _____

Soil analysis made? Yes ☐ No ☐ If yes, by whom? _____Was electric log made? Yes ☐ No ☐ If yes, attach copy to this report(12) WELL LOG: Total depth 336 ft. Depth of completed well 336 ft.
from ft. to ft. Formation (Describe by color, character, size or material)0 - 3 - Soil3 - 87 - Br Clay87 - 98 - Fine Gravel98 - 140 - Br Clay140 - 150 - Coarse sand & gravel 2"150 - 205 - Br Clay205 - 210 - Coarse gravel Fine210 - 260 - Blue Clay260 - 268 - Coarse Bl. Sand268 - 310 - Blue Clay310 - 336 - Blue Coarse sand covering

51-793

Do Not Fill In

State Well No. 13N-4E-33Q1

Other Well No. 27-27A

Region 5

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

(1) Driller:

Name William Flynn
Address Box 157 Sutter, Calif.
So. Butte Rd. 27 York
License No. 97194 Classification SC 57

(2) Proposed use or uses (*check*): (3) Equipment used

Domestic ☐ Municipal ☐ (check):
 Irrigation ☒ Industrial ☐ Rotary ☐
 Domestic and Test well ☐ Cable ☒
 Irrigation ☐ Dug well ☐
 Other _____ Other _____

(4) Type of work (*check*):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:

Total depth of well 300 ft.

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

Depth From Ground Surface

[illegible]

Top Soil

Yellow Clay

Sand and Decomposed Granite

Yellow Clay and Decomposed Granite

Sandy Yellow Clay

Yellow Clay

Sandy Yellow Clay

Yellow Clay

Hard Sand

Yellow Clay

Blue Clay

Brown Lava Sand

Blue Clay

Plotted and Coded
120/

Plotted and Coded
As Well 13N 1.4E - 33E

FOR OFFICIAL USE ONLY

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

(6) Casing left in well:

[illegible]Type and size of shoe or well ring _____ Welded joints ☒ Yes ☐ No

1 1/4" X 5/8" X 1/4"

27-27A 51-793

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 13N-4E-33Q1

Other Well No. 27-27A

Region. 5

(7) Perforations:

Type of perforator used. None

Perforated	ft.	to	ft.	Hole size	No. of holes
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"

(8) Water levels:

Depth at which water first encountered 40 ft.

Depth to water before perforating ft.

Depth to water after perforating ft.

Note any change in water level while drilling

(9) Well pumping test:

Date of test By whom

Depth to water when test started ft.

G.P.M. at beginning of test

Drawdown from standing level 10 ft.

G.P.M. at completion of test

Drawdown at completion of test ft.

Length of time tested

Temperature of water

Was gas present in water? ☐ Yes ☒ No

(10) General:

Was well gravel packed? no Size of rock Thickness of pack

Was a surface sanitary seal provided?

Were any strata sealed against pollution? ☐ Yes ☐ No If yes, attach detailed description.

Strata sealed

Was analysis made of water? ☐ Yes ☐ No If yes, attach copy.

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

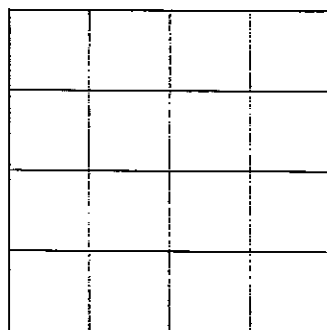
If well abandoned, was it plugged and sealed?

Method of plugging and sealing

FOR OFFICIAL USE ONLY

(11) Location:

North



Section No. 33

Township Nicolas

Range Sutter County

Base & Meridian

Show location of well in Section, thus (X)

Distances to section lines from well, N or S 500 N ft. and E or W ft.

Show location of nearest known well, thus (O)

Distance to nearest known well 500 ft.

(12) Time of work:

Work started date June 5 Completed date June 8 51

Date of this report June 25 51

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] J. M. J. Lynn Well Driller

By

License No. 97194 Classification 3057

Dated June 25, 1951

1-Mile North & 1-Mile East of East Nicolas, 500 ft North of Road

ORIGINAL
File with DWR

WATER WELL DRILLERS REPORT

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

Do Not Fill In

Nº 16850

CONFIDENTIAL LOG
Water Code Sec. 13752

THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

State Well No. 13N/4E-34M
Other Well No. 13N/4E-3-F

(11) WELL LOG:

Total depth 130 ft. Depth of completed well 130 ft.

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

ft. to 2 Top soil ft.

2 35 Soft Clay

25 35 Dry Sand

35 60 Soft Yellow Clay

60 78 Hard Gravel

78 125 Yellow Clay

125 130 Sand.

(2) LOCATION OF WELL:

County Butte Owner's number, if any

Township, Range, and Section

Distance from cities, roads, railroads, etc.

(3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Destroying ☐

If destruction, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐

Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:

Rotary ☐

Cable ☒

Other ☐

(6) CASING INSTALLED:

STEEL:

OTHER:

SINGLE ☒ DOUBLE ☐

If gravel packed

From ft.	To ft.	Diam. in.	Gage or Wall	Diameter of Bore	From ft.	To ft.
<u>0</u>	<u>80</u>	<u>8"</u>	<u>1299</u>			

Size of shoe or well gage 4x4x8"

Size of gravel:

Describe joints BFW

Plotted and Coded

As Well 13N/4E-34M SC

(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.

(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 0 ft. to ft.

From ft. to ft.

Method of sealing

Work started 4/5 1971 Completed 4/6 1971

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 Beaman & Son Pump Co.

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

Address 470 N. 1st St. Hirsch Blvd

Humboldt County Calif.

(SIGNED) J. M. Beaman

(Well Driller)

License No. 196093 Dated 4/13 1971

(9) WATER LEVELS:

Depth at which water was first found, if known 35 ft.

Standing level before perforating, if known ft.

Standing level after perforating and developing 135 ft.

(10) WELL TESTS:

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

Field gal./min. with 12.5 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

SKETCH LOCATION OF WELL ON REVERSE SIDE

CONFIDENTIAL LOG

Water Code Sec. 13752

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, State Code)

Do Not Fill In

State Well No. _____
Other Well No. 13N-4E-35H
Region 5

(1) Driller: Chas D. Cronin
Name Chas D. Cronin
Address 14405 1st St. 619
License No. 123196 Classification C-57
Proposed use or uses (check):
Domestic ☐ Municipal ☐
Irrigation ☒ Industrial ☐
Domestic and Irrigation ☐ Test well ☐
Other ☐ Other ☐

Owr

Nam

Add

(4) Type of work (check):

New well ☐ Reconditioning of well ☒
Deepening existing well ☐

(5) Well log:

Total depth of well 544 ft.

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

Depth From Ground Surface

ft. to	ft.
0	372
372	382
382	510
510	544

UNKNOWN

Gray Sand (med)

Peam & clean out - Clay mud

Block Sand Cemented (Coarse)

Plotted and Coded

As Well 13N 19E 35H80

FOR OFFICIAL USE ONLY

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

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
60	12	Single Welded	12.92	360 to 390

Type and size of shoe or well ring: _____ Welded joints—☒ Yes ☐ No

2-12X4X3/8 Steel shoes

Do Not Fill In

State Well No. _____
Other Well No. 13N-4E-35
Region 5

CONFIDENTIAL

Section 7076 - WATER CODE

ft. to _____ ft. Hole size _____
" " " " " "
Spotted & X Water " " " " " "
" " " " " "
" " " " " "
" " " " " "

[illegible]

(9) **Well pumping test:**

Depth at which water
first encountered 28 ft.

Depth to water
before perforating ft.

Depth to water
after perforating ft.

Note any change in water level while drilling
none

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

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

FOR OFFICIAL USE ONLY

(12) Time of work:

North

350' north Hicks		
		Rd
100' West of		
Pleasant Grove Rd.		

1 MILE

Section No. _____
Township _____
Range _____
Base & Meridian _____
Show location of well in Section, thus (X)
Distances to section lines from well, N or S _____ ft.
and E or W _____ ft.
Show location of nearest known well, thus (O)
Distance to nearest known well _____ ft.

Work started date 4/20/53 Completed date 4/24/53
Date of this report 5/18/53

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] Chas D. Candell
Well Driller

 B_{γ}

License No. 12312 Classification 257

Dated May 18, 1953

ORIGINAL

File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTIONCONTROL BOARD No. _____
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

Do Not Fill In

N^o 8627

State Well No. _____

Other Well No. 13/4-365

256

(1)

Name _____

Address _____

(2) LOCATION OF WELL:

County Sutter Owner's number, if any—R. F. D. or Street No. Rio Oso Sub Station1/2 mile East of Pleasant Grove Road
on Nicks Road, 1/2 mile North of Nicks Road

(3) TYPE OF WORK (check):

New well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

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

(5) EQUIPMENT:

Rotary ☐Cable ☒Dug Well ☐

(6) CASING INSTALLED:

SINGLE ☒ DOUBLE ☐

From 0 ft. to 91 ft. 8" Diam. 8

Gage
or
Wall

If gravel packed

Diameter of Bore from ft. to ft.

Type and size of shoe or well ring 8"x4"x5/8" Size of gravel:

Describe joint

(7) PERFORATIONS: None

Type of perforator used

Size of perforations in., length, by in.

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

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☒ Yes ☐ No To what depth 6 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 45 ft.

Standing level before perforating ft.

Standing level after perforating ft.

(10) WELL TESTS:

Was a pump test made? ☒ Yes ☐ No If yes, by whom? SWD & P Co.Yield: 120 lpm gal./min. with 12 ft. draw down after 8 hrs.Temperature of water Was a chemical analysis made? ☐ Yes ☐ NoWas electric log made of well? ☐ Yes ☐ No

(11) WELL LOG:

Total depth 150 ft. Depth of completed well 150 ft.

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

0	ft. to	2	ft.	
0	2	12		Sand
2	12	21		Red Clay
12	21	56		brown sandy clay
21	56	59		sand & gravel
56	59	67		brown sandy clay
59	67	78		sand & gravel
67	78	82		brown sandy clay
78	82	95		cemented sand
82	95	108		brown sandy clay
95	108	110		cemented sand
108	110	150		sand & pea gravel
110	150			brown sandy clay

Plotted and Coded

As Well 13/4-145-36550

FOR OFFICIAL USE ONLY

Work started 6/29/54 19 Completed 7/7/54 19

WELL DRILLER'S STATEMENT:

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

NAME Star Well Drilling & Pump Co.

(Person, firm, or corporation)

(Typed or printed)

Address P.O. Box 689Yuba City, Calif.

[SIGNED]

Glen R. Mares Well DrillerLicense No. 121868Dated 7/10/54, 19

95689 3-54 SON QUIN © SPO

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

51-471

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

LOCATION NOT CHECKED
Do Not Fill In

State Well No.

Other Well No. 13N-4E-36N

Region

(1) DRILLER: (person, firm, or corporation)

Name Frank P. Conley

Address 432 - Feather River Rd.

Marysville, Calif.

OWNER

Name

Address

(2) Proposed Use (Check)

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

Equipment

Rotary ☐
Cable ☒
Dug Well ☐
Other ☐

(3) CASING:

84 ft. of 14 in 10 lb./ga. casing left in well

Type and size of shoe or well ring

14" 4 X 1/2

(4) PERFORATIONS:

Type of perforator used

Perforated	ft. to	ft.	holes per	in.
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

Diameter of perforations in., length in.

(5) WATER LEVELS:

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

Depth at which water was first found 50 ft.

Standing level before perforating ft.

Standing level after perforating ft.

Note your observation of any change in water level while drilling 40

Was a surface sanitary seal provided? No

(6) WELL PUMPING TEST:

Capacity gal./min. ft. draw down

Was well gravel packed? No

Were any strata sealed against pollution? Casing driven into clay at 85'

Temperature Was a chemical analysis made? Attach copy

If abandoned was well capped?

(7) TYPE OF WORK (check):

New well ☒ Reconditioning of well ☐

Deepening existing well ☐

(8) LOCATION OF WELL:

County

Sutter

R. F. D. or Street No.

Pleasant Grove Rd.
End of Cornelius Ave.

(9) WELL LOG:

Total depth of well 320 ft.

Formation: Mention size of water gravel—

0 ft. to 28 ft. top soil
28 " 48 " coarse sand
48 " 50 " pea gravel
50 " 190 " brown clay
190 " 193 " brown sand
193 " 198 " crumbly brown clay
198 " 200 " pea gravel
200 " 260 " brown clay & gravel
260 " 265 " blue clay
265 " 295 " brown clay
295 " 319 " blue shale
319 " 320 " clay

Plotted and Coded

As Well 13N-4E-36N80

FOR OFFICIAL USE ONLY

Work started July 3 19 53. Completed July 10 19 53

Date of Report Aug 7 19 53

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] Frank P. Conley
Well Driller

By [Signature]

License No. 14524 Classification 357

Dated Aug 7 19 53

51-472

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES 229

LOCATION NOT CHECKED

State Well No. _____
Other Well No. 13 N-4E-366
Region _____

(1) DRILLER: (person, firm, or corporation)
Name Frank P. Conley
Address 432 - 1/2 mile south of
Manuelito Rd. near drain
ditch - 1/2 mile east
of Pleasant Grove Rd.
East of Gallagher home.

(8) LOCATION OF WELL:
County Sutter
R. F. D. or Street No. 1/2 mile south of
Manuelito Rd. near drain
ditch - 1/2 mile east
of Pleasant Grove Rd.
East of Gallagher home.

(2) Proposed Use (Check) Equipment
Domestic ☐ Industrial ☐ Rotary ☐
Irrigation ☒ Test Well ☐ Cable ☒
Municipal ☐ Other ☐ Dug Well ☐
Other ☐

(3) CASING:
108 ft. of 14 in 10 lb./sq. casing 107 1/2 ft. in well
Type and size of shoe or well ring 14" 4X 1/2

(4) PERFORATIONS:
Type of perforator used
Perforated ft. to ft. holes per in.
Diameter of perforations in., length in.

(5) WATER LEVELS:
Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.
Depth at which water was first found 28 ft.
Standing level before perforating ft.
Standing level after perforating ft.
Note your observation of any change in water level while drilling
Was a surface sanitary seal provided? No

(6) WELL PUMPING TEST: Tested by Rudolf Pank
Woodland
Capacity gal./min. ft. draw down
Was well gravel packed? No
Were any strata sealed against pollution?
Temperature Was a chemical analysis made? Attach copy
If abandoned was well capped?

(7) TYPE OF WORK (check):
New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(9) WELL LOG:
Total depth of well 255 ft.
Formation: Mention size of water gravel—
0 ft. to 6 ft. to soil
6 " 30 " gravel
30 " 90 " heavy clay
90 " 105 " sand
105 " 200 " brown clay
200 " 205 " gravel
205 " 240 " fine clay
240 " 255 " fine sand

Plotted and Coded
As Well 13N 4E 36.086

FOR OFFICIAL USE ONLY

Work started Mar. 6 1953. Completed Mar. 16 1953
Date of Report July 23 1953

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] Frank P. Conley
Well Driller
By Bernice Freeborn
License No. 105346 Classification C 57
Dated July 23 1953
46370 7-51 30M MIN ① SPO

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

LOCAT 31-113 ECKED

Do Not Fill In

State Well No.
Other Well No. 13N-5-27Q
Region

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

(1) Driller:

Name William Flynn
Address Box 157 Sutter, Calif.
License No. 97194 Classification 8057

(2) Proposed use or uses (check): (3) Equipment used

Domestic ☐ Municipal ☐
Irrigation ☒ Industrial ☐
Domestic and Test well ☐
Irrigation ☐ Cable ☒
Other ☐ Dug well ☐
Other ☐

(4) Type of work (check):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:

Total depth of well 400 ft.

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

Depth From Ground Surface

1	ft. to	3	ft.
3	" "	10	" "
10	" "	35	" "
35	" "	40	" "
40	" "	55	" "
55	" "	58	" "
58	" "	85	" "
85	" "	100	" "
100	" "	110	" "
110	" "	120	" "
120	" "	170	" "
170	" "	180	" "
180	" "	190	" "
190	" "	200	" "
200	" "	250	" "
250	" "	290	" "
290	" "	300	" "
300	" "	360	" "
360	" "	370	" "
370	" "	400	" "
400	" "	405	" "
405	" "		" "
	" "		" "
	" "		" "

top soil
hard pan
brown clay
brown clay
yellow clay
packed gravel
soft clay
brown clay
yellow hard clay
soft yellow clay
hard gray clay
soft clay
yellow clay
hard sand
tough clay
gray clay
hard sand
yellow clay
blue clay
hard gray clay
blue sand
blue shale

FOR OFFICIAL USE ONLY

CONFIDENTIAL
Section 7076.1, Water Code

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

(6) Casing left in well:

LENGTH FT.	DIAMETER INCHES	SINGLE, DOUBLE, WELDED, OTHER	LBS. PER FOOT OR GAGE OF CASING	SEATING BELOW GROUND SURFACE, FT.
132	14	single	107	132

Type and size of shoe or well ring 14" X 5/8" X 4" Welded joints—☒ Yes ☐ No

91-113 45
SHEET 2
LOCATION NOT CHECKED
DO NOT CHECKED
Do Not Fill In

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

State Well No. _____
Other Well No. _____
Region _____

(7) Perforations:

[illegible]

(8) Water levels:

Depth at which water
first encountered.....40.....ft.

Depth to water
before perforating.....40.....ft.

Depth to water
after perforating.....40.....ft.

Note any change in water level while drilling

(9) Well pumping test:

Date of test None By whom _____
 Depth to water when test started _____ ft.
 G.P.M. at beginning of test _____
 Drawdown from standing level _____ ft.
 G.P.M. at completion of test _____
 Drawdown at completion of test _____ ft.
 Length of time tested _____
 Temperature of water _____
 Was gas present in water? ☐ Yes ☐ No

(10) General:

Was well gravel packed? No Size of rock _____ Thickness of gravel _____ **FOR OFFICIAL USE ONLY**

Was a surface sanitary seal provided? _____

Were any strata sealed against pollution? ☐ Yes ☐ No If yes, attach detailed description.

Strata sealed _____

Was analysis made of water? ☐ Yes ☐ No If yes, attach copy.

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

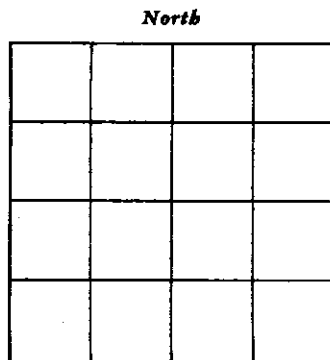
If well abandoned, was it plugged and sealed? _____

Method of plugging and sealing _____

C O N F I D E N T I A L
Section 7076.1, Water Code

C O N F I D E N T I A L
Section 7076.1. Water Code

(11) Location:



1 MILE

Section No. 27
Township 10 12
Range Placer County
Base & Meridian _____
Show location of well in Section, thus (X)
Distances to section lines from
well, N or S _____ ft.
and E or W _____ ft.
Show location of nearest
known well, thus (O)
Distance to nearest known
well 1800 ft.

(12) Time of work:

Work started date 11/30/51 Completed date 12/5/51
Date of this report 3/3/52

WELL DRILLER'S STATEMENT:

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

[SIGNED]

By _____

License No. 97194 Classification 8057

Dated March 3, 1952

3rd road south of Sheridan on old Resville road 1 1/2 miles west of old Resville road, 1/4 mile past 1st set of buildings, 800 ft. north of road.

ORIGINAL

File with DWR

Notice of Intent No. 135681

Local Permit No. or Date _____

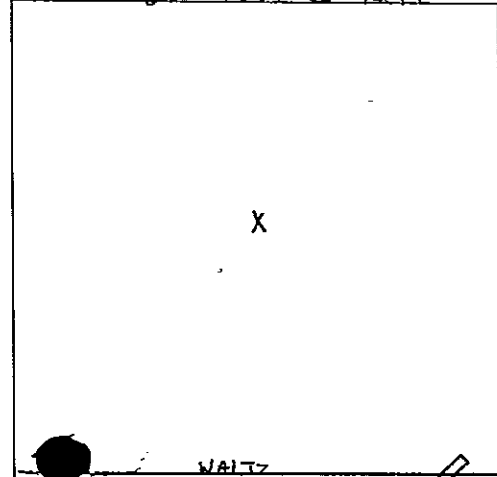
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 44513

State Well No. _____
Other Well No. 13N/5E-28L

(2) LOCATION OF WELL (See instructions):
County Sutter Owner's Well Number _____
Well address if different from above Waltz Rd
Township 13N Range 5E Section 28
Distance from cities, roads, railroads, fences, etc. 1/4 quarter of
SW quarter of section 28 1 1/2 miles
East of Brewer Rd and 1/2 mile
North of Waltz 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 ☐

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☐ Reverse ☐ Yes ☐ No ☒ Size _____
Cable ☒ Air ☐ Diameter of bore _____
Other ☐ Bucket ☐ Packed from _____ ft.

(7) CASING INSTALLED:

Steel ☐ Plastic ☐ Concrete ☒
(8) PERFORATIONS:
Mils knife
Type of perforation or size of screen _____

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	204	16	3/16	130	190	

(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 Casing driven 31' into light brown clay

(10) WATER LEVELS:

Depth of first water, if known _____ ft.
Standing level after well completion 72 ft.

(11) WELL TESTS:

Was well test made? Yes ☒ No ☐ If yes, by whom? Valley Pump
Type of test Pump ☒ Bailer ☐ Air lift ☐
Depth to water at start of test 67 ft. At end of test 136 ft.
Discharge 2950 gal/min after 21 1/2 hours Water temperature _____
Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____
Well log made? Yes ☐ No ☒ If yes, attach copy to this report

(12) WELL LOG: Total depth 515 ft. Depth of completed well _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0 - 4 top soil
4 - 6 red clay
6 - 37 Brown clay
37 - 91 Dark Brown clay
91 - 93 quick sand
93 - 159 cemented sand
159 - 220 light brown clay
220 - 225 black sand
225 - 250 cemented gravel
250 - 296 Brown clay
296 - 331 unders & gravel
331 - 465 blue clay
465 - 480 blue shale
480 - 515 blue clay

Work started 9-26 1977 Completed 11-15 1977

WELL DRILLER'S STATEMENT:

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

Signature [Signature] (Well Driller)
NAME Valley Pump & Motor Works, Inc
(Person, firm, or corporation) (Typed or printed)
Address 470 No Geo. Washington Blvd
City Yuba City Zip 95991
License No. 256384 Date of this report 11-20-77

ORIGINAL

File with DWR

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Do not fill in

No. 123431

Permit No. or Date

State Well No. _____
Other Well No. 13U/SE-29 R

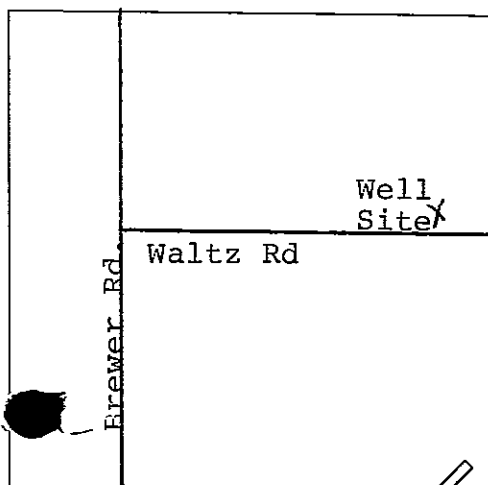
(1) Adc _____
City _____

(2) LOCATION OF WELL (See instructions):
County Sutter Owner's Well Number A-14

Well address if different from above _____

Township 13 N Range 5E Section SW 1/4 28

Distance from cities, roads, railroads, fences, etc. Approx 1 mi east
of Brewer Rd on north side of Waltz
Rd.



WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐

Destruction ☐ (Describe
destruction materials and
procedures in Item 12)

(4) PROPOSED USE:

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

(12) WELL LOG: Total depth 505 ft. Depth of completed well 386 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0- 2 Red gravel, top soil
2- 7 Hard pan
7- 9 Gravel and clay mixed
9- 14 Hard yellow clay
14- 31 Rocks and gravel
31- 40 Hard yellow clay
40- 52 Hard pan
52- 54 Coarse sand and gravel
54- 65 Hard yellow clay
65- 86 Brittle brown clay
86- 89 Coarse sand and gravel
89- 96 Yellow clay
96- 99 Hard gray clay
99- 137 Brown sandy clay
137- 143 Coarse sand and gravel
143- 152 Sandy brown clay
152- 173 Green clay
173- 180 Blue clay
180- 190 Blue clay
190- 239 Hard brown clay & cemented sand
239- 267 Hard green clay
267- 280 Brown cemented sand
280- 285 Hard sand and brown hard pan
285- 320 Hard shale and sandstone
320- 340 Coarse sand and gravel shale
340- 345 Hard sandy blue clay
345- 350 Hard blue sand stone
350- 370 Hard blue clay
370- 377 Coarse sand and fine shale
377- 400 Sandy blue clay & blue shale
400- 441 Blue clay
441- 444 Clay and gravel mixed
444- 498 Coarse sand
498- 500 Sandy blue clay
500- 504 Clay and coarse sand
504- 505 Hard blue clay

(5) EQUIPMENT:

Rotary ☐ Reverse ☒
Cable ☐ Air ☐
Other ☐ Bucket ☐

(6) GRAVEL PACK:

Yes ☒ No ☐ Size Pea
Diameter of bore 26
Packed from 0 to 386 ft.

(7) CASING INSTALLED:

Steel ☒ Plastic ☐ Concrete ☐

From ft.	To ft.	Dia. in.	Gage or Wall
0	233	16	1/4
253	278	16	
338	368	16	

(8) PERFORATIONS: Johnson

Type of perforation or size of screen Irrigator

From ft.	To ft.	Slot size
233	253	100
278	338	100
368	386	100

(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 46 ft.

(11) WELL TESTS:

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

Type of test Pump ☒ Bailer ☐ Air lift ☐

Depth to water at start of test 52 ft. At end of test 189 ft.

Discharge 3000 gal/min after 2 hours Water temperature _____

Analysis made? Yes ☐ No ☒ If yes, by whom? _____

Was electric log made? Yes ☒ No ☐ If yes, attach copy to this report

Work started 2-22 19 77 Completed 2-26 19 77

WELL DRILLER'S STATEMENT:

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

SIGNED _____ (Well Driller)

NAME E.E. Luhdorff Co/Division of Layne
(Person, firm, or corporation) (Typed or printed)

Address P.O. Box 1326 Western

City Woodland Zip 95695

License No. 334205 Date of this report 12-22-77

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

51-123

Do Not Fill In

State Well No. 51-123

Other Well No. 51-123

Region 5

(7) Perforations:

Type of perforator used None

Perforated	ft. to	ft. Hole size	No. of holes
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"

(8) Water levels:

Depth at which water first encountered 40 ft.

Depth to water before perforating _____ ft.

Depth to water after perforating _____ ft.

Note any change in water level while drilling

went from 40 to 30

(9) Well pumping test:

Date of test _____ By whom _____

Depth to water when test started _____ ft.

G.P.M. at beginning of test _____

Drawdown from standing level _____ ft.

G.P.M. at completion of test _____

Drawdown at completion of test _____ ft.

Length of time tested _____

Temperature of water _____

Was gas present in water? ☐ Yes ☒ No

(10) General:

Was well gravel packed? no Size of rock _____ Thickness of pack _____

Was a surface sanitary seal provided? _____

Were any strata sealed against pollution? ☒ Yes ☐ No If yes, attach detailed description.

Strata sealed all sealed to 75 ft

Was analysis made of water? ☐ Yes ☒ No If yes, attach copy.

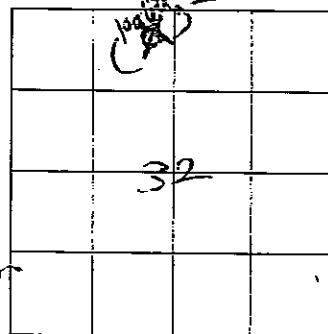
Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.

If well abandoned, was it plugged and sealed? _____

Method of plugging and sealing _____

(11) Location:

North 1/2 mile (X) Section No. 32
Township 13 North
Range 5 West
Base & Meridian Diablo
Show location of well in Section, thus (X)
Distances to section lines from well, N or S 100 ft. and E or W _____ ft.
Show location of nearest known well, thus (O)
Distance to nearest known well 1/2 mi. east



(12) Time of work:

Work started date May 9 Completed date May 28

Date of this report June 7, 1950

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] J.B. Brinkley Well Driller

By _____

License No. _____ Classification _____

Dated _____, 19 _____

ORIGINAL **CONFIDENTIAL** LOG DEPARTMENT OF WATER RESOURCES
Water Code Sec. 13752
WATER WELL DRILLERS REPORT

STATE OF CALIFORNIA
THE RESOURCES AGENCY

Do Not Fill In

No 113384

State Well No. _____
Other Well No. 13405E-35A

(2) LOCATION OF WELL:

County Placer Owner's number, if any _____
Township, Range, and Section _____
Distance from cities, roads, railroads, etc. _____

(3) TYPE OF WORK (check):

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

(4) PROPOSED USE (check):

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

(5) EQUIPMENT:

Rotary ☐
Cable ☒
Other ☐

(6) CASING INSTALLED:

STEEL: ☐ OTHER: ☐
SINGLE ☐ DOUBLE ☐

If gravel packed

From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.
144'		14" x	3/16"	B/W Plate Casing		

Size of shoe or well ring: 14"x6"x3/4" 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.

(8) CONSTRUCTION:

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

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

From _____ ft. to _____ ft.

From _____ ft. to _____ ft.

Method of sealing

(9) WATER LEVELS:

Depth at which water was first found, if known 32 ft.

Standing level before perforating, if known 32 ft.

Standing level after perforating and developing _____ ft.

(10) WELL TESTS:

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

'd: _____ gal./min. with _____ ft. drawdown after _____ hrs.

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

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

(11) WELL LOG:

Total depth _____ ft. Depth of completed well 250 ft.

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

FROM: _____ TO: _____ ft. to _____ ft.

0' - 05' Top Soil

05' - 10' Red Clay

10' - 18' Sand & Gravel 2"

18' - 80' Red Clay & Streaks of Clay & Gravel

80' - 85' Gray Clay & Gravel

85' - 95' Brown Clay & Gravel

95' - 97' Sand & Gravel

97' - 115' Brown Clay With Traces of Gravel and Clay

115' - 120' Loose Sand & Clay

120' - 134' Gray Clay

134' - 155' Packed Sand

155' - 167' Brown Brittle Shale

167' - 200' Blue Clay & Streaks of Blue Shale

200' - 207' ~~BROWN~~ Brown Clay

207' - 240' Brown Shale

240' - 250' Blue Shale

250' - 250'+ Blackish Packed Sand

CONFIDENTIAL LOG

Water Code Sec. 13752

Work started 2/2/ 19 77, Completed 2/14/ 19 77

WELL DRILLER'S STATEMENT:

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

NAME Frank L. Cornwell & Son
(Person, firm, or corporation) (Typed or printed)

Address 521 1/2 3rd St. Marysville, California 95901

[SIGNED] _____

(Well Driller)

License No. _____ Dated _____, 19 _____

SKETCH LOCATION OF WELL ON REVERSE SIDE

Geologic Section B-B'

Record by _____ Date _____ Sheet _____ of _____

REGION...

COUNTY Fuller

NEAR _____

DIVISION OF WATER RESOURCES

DEPARTMENT OF PUBLIC WORKS

STATE OF CALIFORNIA

BASIN

DWR No. 113 ~~267~~ 2C1: _____ B & M

OTHER Nos. 20-9A

WELL LOG

DWR Log No: 51-015

LOCATION Feather River, NE. 1/4 Sec. 2, T. 11 N., R. 3 E., South Portion

OWNER _____ **ADDRESS**

DRILLED BY Francis Coupe ADDRESS

DRILLING METHOD _____ GRAVEL PACKED _____ DATE COMPLETED **March 13, 1932**

SIZE OF CASING DEPTH _____ STRUCK WATER AT _____

PERFORATIONS _____ SIZE 16/12/and 10# No. _____

WATER LEVEL BEFORE PERFORATING _____ AFTER _____

TEST DATA: DISCHARGE G. P. M. _____ DRAWDOWN FT. _____ HOURS RUN _____

OTHER DATA AVAILABLE: WATER LEVEL RECORD _____ ANALYSIS _____

SURFACE ELEV. _____ DATUM _____ SOURCE OF INFORMATION Natomas Co.

[illegible]

FOR FIELD COPIES USE ALTERNATE LINES

LOG OBTAINED BY ok DATE 11-1-18 SHEET 1 OF 516

MD 11N/3E-3C2

REGION _____
COUNTY Sutter
NEAR _____

DIVISION OF WATER RESOURCES

DEPARTMENT OF PUBLIC WORKS
STATE OF CALIFORNIA

BASIN _____
DWR NO. 113 302 _____ B & M _____
OTHER NOS. 20-8 _____

WELL LOG

LOCATION Natomas, Feather River, NE 1/4 Sec. 3, T. 11 N., R. 3 E., F-1 Property
for F. R. Pump Unit No. 3

OWNI _____ ADDRESS _____

DRILLED BY Vernon McGrew ADDRESS _____

DRILLING METHOD _____ GRAVEL PACKED _____ DATE COMPLETED May 1937

SIZE OF CASING DEPTH _____ STRUCK WATER AT _____

PERFORATIONS _____ SIZE 1 1/4" No. _____

WATER LEVEL BEFORE PERFORATING _____ AFTER _____

TEST DATA: DISCHARGE G. P. M. _____ DRAWDOWN FT. _____ HOURS RUN _____

OTHER DATA AVAILABLE: WATER LEVEL RECORD _____ ANALYSIS _____

SURFACE ELEV. _____ DATUM _____ SOURCE OF INFORMATION Natomas

[illegible]

FOR FIELD COPIES USE ALTERNATE LINES

LOG OBTAINED BY ok DATE 11-1-48 SHEET 1 OF 544

ORIGINAL

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

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES 253

DWR Log No: 51-050;
LOCATION NOT CHECKED
Do Not Fill In

State Well No.

Other Well No. 11N-4E-4A

Region

(1) DRILLER: (person, firm, or corporation)

Name Frank P. ConleyAddress 432-Feather River Blvd.
Marysville, Calif.

OWNER:

Name

Address

(2) Proposed Use (Check)

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

Equipment

Rotary ☐
Cable ☒
Dug Well ☐
Other ☐

(3) CASING:

Line	ft. of	in	lb./sq. casing	ft.	left in well
48	12	10	48		
40	10	12	40		
60	8	12	60		

Type and size of shoe or well ring 12" 3x3/8

(4) PERFORATIONS:

Type of perforator used	ft. to	ft.	holes per	in.
Burnt with acetylene	180	216	7	12
10" liner	275	291	5	12
8" liner	330	390	5	12

Diameter of perforations 1/4 in., length 3 in.

(5) WATER LEVELS:

Was electric log made of well? ☐ Yes ☒ No If yes, attach copy.Depth at which water was first found 20 ft.Standing level before perforating 20 ft.Standing level after perforating 20 ft.

Note your observation of any change in water level while drilling

Was a surface sanitary seal provided? No

(6) WELL PUMPING TEST:

Capacity 1700 gal./min. 85 ft. draw downWas well gravel packed? NoWere any strata sealed against pollution? No

Temperature

Was a chemical analysis made?

Attach copy

If abandoned was well capped?

(7) TYPE OF WORK (check):

New well ☐ Reconditioning of well ☐Deepening existing well ☒

(8) LOCATION OF WELL:

County Sutter

R. F. D. or Street No.

On levee road - 3/4 mile
north of Howsley Rd.
Pleasant Grove, Calif.

(9) WELL LOG:

Total depth of well 400 ft.

Formation: Mention size of water gravel—

ft. to	ft.	Formation
0	207	old hole
207	280	sand run-in
280	300	gravel
300	310	sand
310	355	brown clay
355	365	sand - water
365	385	gray clay
385	390	tanish blue clay
390	400	blue sand

FOR OFFICIAL USE ONLY

Work started Nov 20 19 53 Completed Dec 10 19 53Date of Report December 10 19 53

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]

Frank P. Conley
Well Driller

By

Bernice Freeborn

License No.

105346

Classification

C 57

Dated

December 1019 53

46370 7-51 33M QUIN ① SPO

ORIGINAL

File Original, Duplicate and Triplicate with the

DIVISION OF WATER RESOURCES

P. O. BOX 1079

SACRAMENTO 5, CALIFORNIA

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

LOCATION NOT CHECKED

DWR Log No: 51-051

State Well No.

Other Well No. 11N-4E-5C

Region

(1) DRILLER: (person, firm, or corporation)

Name Frank P. ConleyAddress 432 - Feather River Blvd.Marysville, Calif.

OWNER:

Name

Address

(2) Proposed Use (Check)

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

Equipment

Rotary ☐Cable ☒Dug Well ☐Other ☐

(3) CASING:

105 ft. of 14 in 3/16 lb./sq. casing 104 1/2 left in well

Type and size of shoe or well ring 14" 4 X 1/2

(4) PERFORATIONS:

Type of perforator used

Perforated	ft. to	ft.	holes per	in.
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"
"	"	"	"	"

Diameter of perforations in., length in.

(5) WATER LEVELS:

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

Depth at which water was first found 14 ft.

Standing level before perforating ft.

Standing level after perforating ft.

Note your observation of any change in water level while drilling

Was a surface sanitary seal provided? No

(6) WELL PUMPING TEST:

Capacity 2000 gal./min. 50 ft. draw down

Was well gravel packed? No

Were any strata sealed against pollution?

Temperature Was a chemical analysis made? Attach copy

If abandoned was well capped?

(7) TYPE OF WORK (check):

New well ☒ Reconditioning of well ☐Deepening existing well ☐

(8) LOCATION OF WELL:

County Sutter

R. F. D. or Street No.

South side of
Catlett Rd. - approx 3 1/4
mile west of El Centro Rd.

(9) WELL LOG:

Total depth of well 145 ft.

Formation: Mention size of water gravel—

0	ft. to	16	ft.	tough clay
16	"	40	"	sand
40	"	75	"	brown clay
75	"	105	"	blue sand
105	"	120	"	dark clay
120	"	130	"	gravel
130	"	145	"	sand

FOR OFFICIAL USE ONLY

Work started Feb 4 19 53 Completed Feb 9 19 53

Date of Report Mar. 25 19 53

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] Frank P. ConleyBy Bernice Freeborn
Well Driller

License No. 105346 Classification C57

Dated Mar. 25 19 53

46370 7-51 3CM QUIN ① SPO

46373 7-51 30M QUIN (1) SPO

25971 3-50 40M QUIN SPO

ORIGINAL
File with DWR

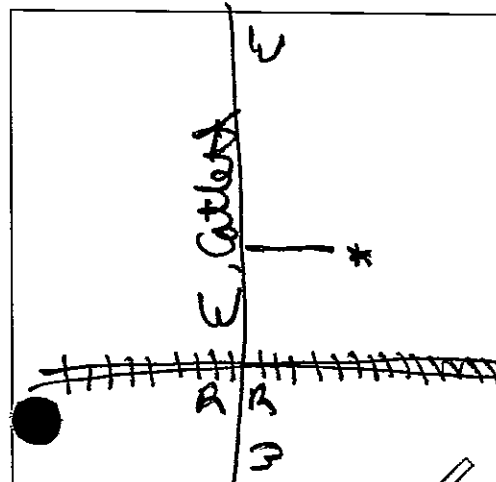
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in
No. 209372

Permit No. or Date 4/21/83

State Well No.
Other Well No. 12N04E34J

(1)
Addr
City
(2) LOCATION OF WELL (See instructions):
County Sutter Owner's Well Number
Well address if different from above same
Township Range Section
Distance from cities, roads, railroads, fences, etc. 45' west of house,
between corner of garage and tree.



WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐

Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

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

(5) EQUIPMENT:

Rotary ☐ Reverse ☐
Cable ☒ Air ☐
Other ☐ Bucket ☐

(6) GRAVEL PACK:

Yes ☐ No ☒ Size
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	80	10	10 ga			

(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 1 ft.
Standing level after well completion 9 ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom?
Type of test Pump ☐ Bailer ☐ Air lift ☐
Depth to water at start of test ft. At end of test ft.
Discharge gal/min after hours Water temperature
Chemical analysis made? Yes ☐ No ☒ If yes, by whom?
Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

(12) WELL LOG: Total depth 165 ft. Depth of completed well 135 ft.

from ft. to ft. Formation (Describe by color, character, size or material)

0 - 1 top soil

1 - 8 coarse granite sand WB

8 - 17 yellow tough clay

17 - 27 brown sandy clay

27 - 37 coarse granite sand & sm. grav. WB

37 - 52 brown tough clay

52 - 61 red sandy clay

61 - 64 yellow soft clay

64 - 71 yellow tough clay

71 - 77 brown sandy brittle clay

77 - 81 yellow tough clay

81 - 85 brown sandy brittle clay

85 - 103 yellow silty clay

103 - 106 yellow shale clay

106 - 114 brown sandy clay

114 - 119 gray fine packed sand WB

119 - 130 yellow sandy clay

130 - 137 yellow tough clay

137 - 144 brown sandy brittle clay

144 - 155 yellow tough clay / br. coarse loose

Work started 4/8 19 83 Completed 4/19 19 83

WELL DRILLER'S STATEMENT: sand & sm. grav. WB

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

SIGNED John A. Beebe (Well Driller)

NAME John A. Beebe (Person, firm, or corporation) (Typed or printed)

Address 2574 16th St.

City Sacramento Zip 95818

License No. 392469 Date of this report 4/21/83

CONFIDENTIAL LOG

Water Code Sec. 13752
STATE OF CALIFORNIA
THE RESOURCES AGENCY

Do Not Fill In

ORIGINAL
File with DWRDEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORTN^o 115437

State Well No.

Other Well No. 12N/4E-35P

(1) OWNER:

Name

Address

(2) LOCATION OF WELL:

County SUTTER Owner's number, if any 75-1

Township, Range, and Section 12N, R4E, Sec. 35

Distance from cities, roads, railroads, etc. 2 1/2 mi. E. on Cattlet
Rd., off Hwy. 99, 100' north.

(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.	Gage or Wall	Diameter of Bore	From ft.	To ft.
0	137	16" OD	1/4"	26"	0	
157	191	"	"	"		
278	326	"	"	"		
390	400	"	"	"		

Size of shoe or well ring:

Size of gravel: MIX #31

Describe joint: Collared Welded

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen Milled Slot & Fulflo

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.	
137	157	16" OD	2 1/2 x .125	milled slot	
191	278	"	"	"	
326	350	"	.125	fulflo louvered	
350	390	"	2 1/2 x .125	milled slot	
					354 360 Sand, gravel and shale
					360 370 Hard blue clay
					370 390 Sand and gravel
					390 410 Hard clay
					279 312 Hard clay and shale
					312 331 Hard sandy yellow shale
					331 349 Sand gravel, layers of shale
					349 354 Sandy blue clay

(8) CONSTRUCTION:

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

From ft. to ft.

From ft. to ft.

Method of sealing

(9) WATER LEVELS:

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

Standing level before perforating, if known ft.

Standing level after perforating and developing 18' ft.

(10) WELL TESTS:

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

Flow: 1200 gal./min. with 101 ft. drawdown after 2 hrs.

Temperature of water Was a chemical analysis made? Yes ☐ No ☒Was electric log made of well? Yes ☒ No ☐ If yes, attach copy

(11) WELL LOG:

Total depth 410 ft. Depth of completed well 400 ft.

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

0	16	ft. to	Hard pan & red clay
16	19		Loose coarse sand
19	29		Red clay & sand
29	53		Clay
53	57		Sand & clay stringers
57	64		Clay
64	69		Sandy clay stringers
69	100		Clay
100	105		Loose sand
105	125		Yellow clay
125	130		Course gravel & sand and shale
130	136		Yellow clay
136	143		Loose sand & layered shale
143	160		Hard yellow clay
160	182		Hard layer of shale
182	214		Hard yellow clay
214	221		Hard yellow clay with layer of hard shale
221	229		Loose sand and gravel
229	233		Hard yellow clay
233	242		Broken shale
242	259		Hard yellow clay
259	279		Loose sand & small gravel
279	312		Hard clay and shale
312	331		Hard sandy yellow shale
331	349		Sand gravel, layers of shale
349	354		Sandy blue clay
354	360		Sand, gravel and shale
360	370		Hard blue clay
370	390		Sand and gravel
390	410		Hard clay

Work started 12/2 19 75 Completed 12/9 19 75

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 E. E. LUHDORFF CO., INC.

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

Address P. O. BOX 1326

WOODLAND, CALIFORNIA 94695

[SIGNED]

(Well Driller)

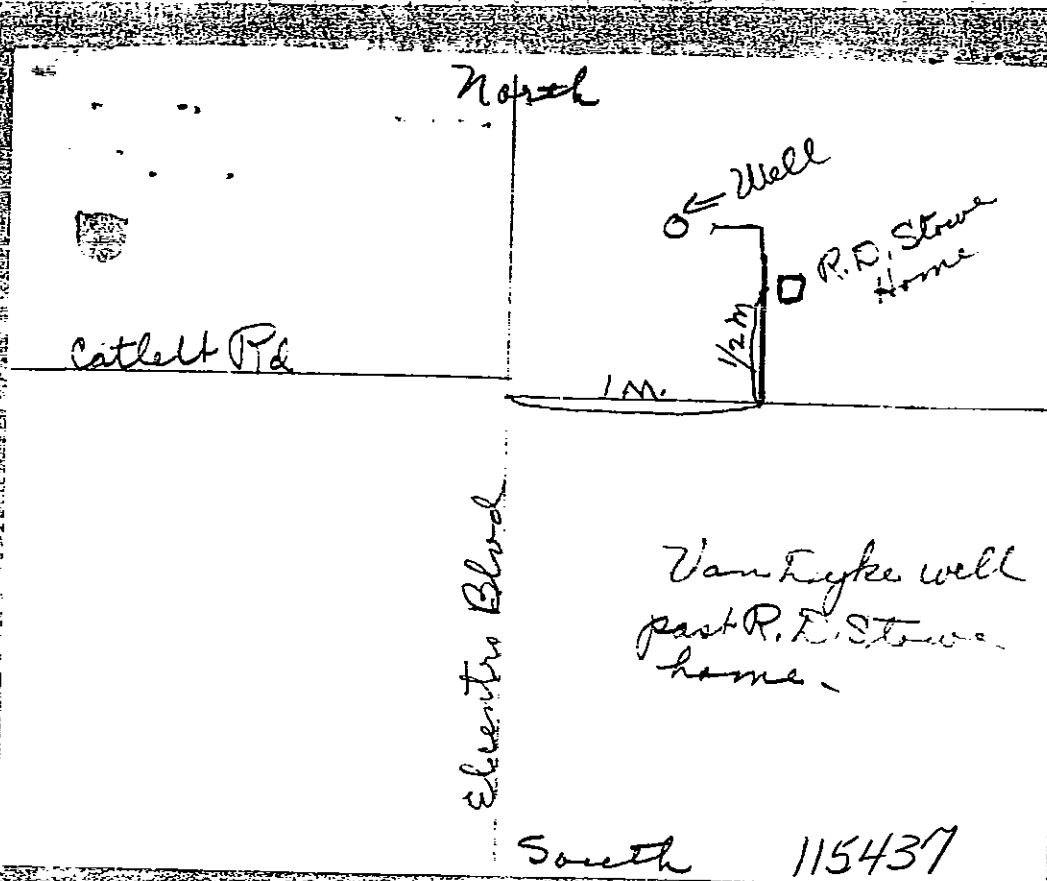
License No. 276625 Dated 1-9-76, 1976

SKETCH LOCATION OF WELL ON REVERSE SIDE

CONFIDENTIAL LOG
Water Code Sec. 13752

RECEIVED
DIV. OF WATER RESOURCES
SACRAMENTO

1954 OCT 9 1 AM 8 26



WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

51-832

Do Not Fill In 120

State Well No. _____
Other Well No. 1214-24
Region 5 (E) H

(1) DRILLER: (person, firm, or corporation)

Name Frank P. Conley
Address 432 Feather River Blvd.
Mariposa, Calif.

OWNE

Name _____

Address _____

(2) Proposed Use (check)

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

Equipment

Rotary ☐
Cable ☒
Dug Well ☒
Other ☐

(3) CASING:

60 ft. of 12 in 10 lb./ga. casing 60 left in well

Type and size of shoe or well ring 12" 3 X 3/8 1-025 03

(4) PERFORATIONS:

Type of perforator used burnt with acetylene
Perforated 155 ft. to 175 ft. 6 holes per 12 in.

Diameter of perforations 1/8 in., length 3 in.

(5) WATER LEVELS:

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

Depth at which water was first found 30 ft.

Standing level before perforating 30 ft.

Standing level after perforating 30 ft.

Note your observation of any change in water level while drilling

Was a surface sanitary seal provided? No

(6) WELL PUMPING TEST:

Capacity _____ gal./min. ft. draw down

Was well gravel packed? No

Were any strata sealed against pollution? Cemented down into clay

Temperature _____ Was a chemical analysis made? ☐ (attach copy)

If abandoned was well capped?

(7) TYPE OF WORK (check):

New well ☐ Reconditioning of well ☒

Deepening existing well ☐

(8) LOCATION OF WELL:

County Sutter

R. F. D. or Street No.

Catlett Rd. — 1 mile east
of Pleasant Grove Rd.

(9) WELL LOG:

Total depth of well 380 Old well 215 ft
Caved in to 160 ft.

Formation: Mention size of water gravel—

160 ft. to 215 ft. sand
215 " 225 " gray clay
225 " 270 " decomposed granite
270 " 290 " clay
290 " 300 " pink shale
300 " 370 " clay
370 " 380 " sand

FOR OFFICIAL USE ONLY

Work started Nov. 24 19 52, Completed Dec. 15 19 52

Date of Report Jan. 2 19 53

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] Frank P. Conley 505
Well Driller

By Bernice Freeborn

License No. 105346 Classification 357

Dated Jan 2 19 53

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. 9468

State Well No. 12N/5E-34K1
Other Well No. 12N/5E-34K1

(1) OWNER:

Name _____
Address _____

(11) WELL LOG:

Total depth **145** ft. Depth of completed well **145** ft.

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

0 to 1 top soil ft. to _____ ft.

(2) LOCATION OF WELL:

County **Placer** Owner's number, if any _____Township, Range, and Section **12N/5E-34K1**Distance from cities, roads, railroads, etc. **2 1/2 Mi. east of Brewer Rd. on Pleasant Grove Rd.**

(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: ☒ SINGLE ☐ DOUBLE ☐ OTHER: _____

If gravel packed

From ft.	To ft.	Diam. in.	Gage or Wall in.	Diameter of Bore in.	From ft.	To ft.
0	100	10	10			

Size of shoe or well ring: **1/2" X 6" X 10" spiral steel**Describe joint **ark but welded**

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen **None**

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

(8) CONSTRUCTION:

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

From _____ ft. to _____ ft.

From _____ ft. to _____ ft.

Method of sealing _____

(9) WATER LEVELS:

Depth at which water was first found, if known **89** ft.Standing level before perforating, if known **75** ft.

Standing level after perforating and developing _____ ft.

(10) WELL TESTS:

Pump test made? Yes ☐ No ☒ If yes, by whom? _____

_____ 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 _____**22 " 36 red silty clay****36 " 62 yellow hard silty clay****62 " 74 red tough clay****74 " 78 yellow clay****78 " 81 gravel & clay mix W.R.****81 " 96 red silty clay****96 " 104 red & yellow tough clay****104 " 107 brown coarse cemented sand W.R.****107 " 123 gray coarse tight sand W.R.****123 " 138 Gray sand & small gravel W.R.****138 " 145 tight med. & small gravel W.R.**

Plotted and Coded

As Well **12N/5E-34K80**

FOR OFFICIAL USE ONLY

Work started **May 29 19 67**, Completed **June 7, 19 67**

WELL DRILLER'S STATEMENT:

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

LYLE W. CORNELIUS

NAME

Well Drilling Contractor
(Person, firm, or corporation) (Type or printed)
1820 First Ave. GI 8-6410
Sacramento 18, Calif.

Address

[SIGNED]

Lyle W. Cornelius
(Well Driller)License No. **142613**Dated **June 10, 19 67**

SKETCH LOCATION OF WELL ON REVERSE SIDE

Geologic Section C-C'

ORIGINAL
File with DWR

CONFIDENTIAL LOG
Water Code Sec. 7080

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. 9491

State Well No. 11N/3E-36P1

Other Well No. 11N/3E-36P1

(1) OWNER:

Name

Address

(11) WELL LOG:

Total depth 171 ft. Depth of completed well 170 ft.

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

0' to 3' sandy top soil ft.

3 " 6' fine sand

6 " 19' brown doby clay

19 " 38' blue silty clay

38 " 40' fine packed sand W.B.

40 " 64' blue doby clay

64 " 70' blue cemented sand

70 " 83' sand & small gravel W.B.

83 " 126' blue crumbly clay

126 " 134' blue sticky clay

134 " 138' blue packed sand W.B.

138 " 143' blue sticky clay

143 " 148' blue fine quick sand W.B.

148 " 157' blue tough sandy clay

157 " 171' dark sand & small gravel W.B.

171 " large gravel W.B.

(2) LOCATION OF WELL:

County Sutter Owner's number, if any 483-7122

Township, Range, and Section T- R- S-

Distance from cities, roads, railroads, etc. 62' west of center Garden

Highway & 100' north Rego Rd.

(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. in.	Gage or Wall in.	Diameter of Bore in.	From ft.	To ft.
minus 6'	157	8"	10			

Size of shoe or well ring: 1/2" x 4" x 8" plate steel

Describe joint Ark but welded

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen none

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

143 " 148' blue fine quick sand W.B.

148 " 157' blue tough sandy clay

157 " 171' dark sand & small gravel W.B.

171 " large gravel W.B.

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes ☒ No ☐ To what depth 8 ft.

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

From ft. to ft.

From ft. to ft.

Method of sealing

(9) WATER LEVELS:

Depth at which water was first found, if known 38 ft.

Standing level before perforating, if known 19 ft.

Standing level after perforating and developing ft.

(10) WELL TESTS:

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

Flow: 300 gal./min. with 11 ft. drawdown after 4 hrs.

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

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

CONFIDENTIAL LOG

Water Code Sec 7080

Work started 6 / 20 1969 , Completed 6 / 26 1969

WELL DRILLER'S STATEMENT:

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

WILL W. CORNELIUS

Well Drilling Contractor

NAME 1820 First Ave. Gl 8-6410

(Person, firm, or corporation) (Typed or printed)
Sacramento 18, Calif.

Address

[SIGNED]

License No. 142613

Dated June 27, 1969

SKETCH LOCATION OF WELL ON REVERSE SIDE

ORIGINAL
File with DWR

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

Do not fill in
No. 280943

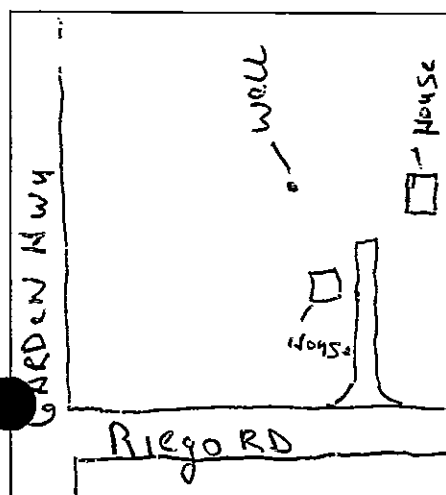
Notice of Intent No. 246643
Local Permit No. or Date 35-032-015

State Well No. _____
Other Well No. 11N03E36R

(1)
A
C

(2) LOCATION OF WELL (See instructions):

County SUTTER Owner's Well Number _____
Well address if different from above 5341 W. Riego RD
Township 11N Range 4E Section 36
Distance from cities, roads, railroads, fences, etc. _____



WELL LOCATION SKETCH

(3) TYPE OF WORK:

New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

Domestic ☒
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other ☐ (Describe)

(5) EQUIPMENT:

Rotary ☐ Reverse ☐
Cable ☒ Air ☐
Other ☐ Bucket ☐

(6) GRAVEL PACK:

Yes ☐ No ☒
Size _____
Diameter of bore _____
Packed from _____ 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	145	8"	156			

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 21 ft.
Were strata sealed against pollution? Yes ☐ No ☒ Interval _____ ft.
Method of sealing Benton Seal

(10) WATER LEVELS:

Depth of first water, if known _____ ft.
Standing level after well completion 15' 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 _____ gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes ☐ No ☐ If yes, by whom? _____
Was electric log made Yes ☐ No ☐ If yes, attach copy to this report

(12) WELL LOG: Total depth 165 ft. Completed depth _____ ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0 - 3 TOP SOIL
3 - 15 BROWN STICKY CLAY
15 - 17 BLUE CLAY
17 - 28 BROWN CLAY
28 - 29 SAND W.B.
29 - 64 BROWN CLAY
64 - 65 SAND
65 - 99 BROWN CLAY
99 - 141 BROWN CLAY
141 - 143 SAND
143 - 158 BLUE CLAY
158 - 165 SAND & GRAVEL

Work started 1-10 1990 Completed 1-23 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 G. GAKIN (Well Driller)
NAME G. GAKIN Well Drilling
Address 10550 Lowell St.
City ELVERTA ZIP 95626
License No. 374391 Date of this report 1-24-90

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

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

LOCATION NOT CHECKED

Do Not Fill In

No 32889

State Well No.

Other Well No.

(1) OWNER:

Name

Address

(2) LOCATION OF WELL:

County Sutter Owner's number, if any—

R. F. D. or Street No.

550' W of Marysville Rd.
1500' N of Base Line Road

(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 76 12 12

If gravel packed

Diameter of Bore from ft. to ft.

Type and size of shoe or well ring 1/2A4X12

Describe joint Welded

Size of gravel:

(7) PERFORATIONS:

Type of perforator used

Size of perforations in., length, by in.

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

(8) CONSTRUCTION:

Was a surface sanitary seal provided? ☒ Yes ☐ No To what depth 76 ft.

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

From 0 ft. to 76 ft.

Method of Sealing Welded

(9) WATER LEVELS:

Depth at which water was first found 46 ft.

Standing level before perforating ft.

Standing level after perforating ft.

(10) WELL TESTS:

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

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

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

Was electric log made of well? ☐ Yes ☐ No

(11) WELL LOG:

Total depth 187 ft. Depth of completed well 185 ft.

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

0'	ft. to	3'	ft.	Top Soil
3	10			Hardpan & sand
10	23			Clay, gray
23	32			Clay, brown
32	64			Clay, gray
64	70			Sediment, gray
70	74			Sand
74	150			Clay, gray
150	165			Sandy
165	175			Sediment, blue
175	187			Sand, coarse

CONFIDENTIAL
Section 7076.1, Water Code

FOR OFFICIAL USE ONLY

Work started April 19 56 Completed 19

WELL DRILLER'S STATEMENT:

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

NAME E. C. Keables, Well Drilling

(Person, firm, or corporation)

(Typed or printed)

Address 1700 Glenrose Ave.

N. Sacramento 15, Calif.

[SIGNED] E. C. Keables

Well Driller

License No. 157234

Dated April, 1956

DWR Log No: 51-095 MD 11N/4E-33J1

REGION _____

DIVISION OF WATER RESOURCES

BASIN _____

COUNTY Sutter

DEPARTMENT OF PUBLIC WORKS

DWR No. _____

B & M

STATE OF CALIFORNIA

OTHER NOS. _____

NEAR _____

State - California

WELL LOG

32-16

114 33J1

11/4E-33

51

LOCATION _____

SUBAREA Vernon

OWNER _____

ADDRESS _____

DRILLED BY Thomas J. Fulton

ADDRESS _____

Casing diam. 16, 14, and 12"

DRILLING METHOD _____

GRAVEL PACKED _____

DATE COMPLETED Sept. 1947

SIZE OF CASING DEPTH _____

STRUCK WATER AT _____

PERFORATIONS _____

SIZE _____

No. _____

WATER LEVEL BEFORE PERFORATING _____

AFTER _____

TEST DATA: DISCHARGE G. P. M. _____

DRAWDOWN FT. _____

HOURS RUN _____

OTHER DATA AVAILABLE: WATER LEVEL RECORD _____

ANALYSIS _____

SURFACE ELEV. _____

DATUM _____

SOURCE OF INFORMATION Owner

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

DEPTH	ELEV. OF BOTTOM OF STRATUM	MATERIAL	THICK- NESS	SP. YIELD %
13		Soft top soil		
16		Brown sand		
32		Gray with pieces brown clay		
39		Soft brown clay		
40		Pea gravel		
71		Hard dark brown clay		
91		Soft brown clay		
93		Black burnt sand		
96		Soft gray sand		
101		Hard gray sand		
139		Soft brown clay		
143		Hard black sand		
145		Black sand		
156		Hard gray clay		
163		Blue clay		
164		Gray sand		
175		Hard blue clay		
181		Soft gray sand		
183		Hard gray sand		
196		Cemented sand and gravel		
199		Hard yellow clay		
201		Gray sand		
219		Soft blue clay		
221		Black sand		
243		Soft blue clay		
247		Hard blue clay		
251		Soft blue clay		
252		Blue sand		
271		Hard blue clay		

FOR FIELD COPIES USE ALTERNATE LINES

LOG OBTAINED BY _____

DATE _____

SHEET 1 OF _____

WELL LOG

5 MD 11N/4E-33J1
BASIN _____
DWR NO. _____ : _____ B & M
OTHER NOS. 32-16
114 33J1
11/4E-33 5/

REGION _____

COUNTY _____

NEAR _____

LOCATION _____

OWNER _____ ADDRESS _____

DRILLED BY _____ ADDRESS _____

DRILLING METHOD _____ GRAVEL PACKED _____ DATE COMPLETED _____

SIZE OF CASING DEPTH _____ STRUCK WATER AT _____

PERFORATIONS	SIZE	No
--------------	------	----

WATER LEVEL BEFORE PERFORATING..... AFTER.....

TEST DATA: DISCHARGE G. P. M. _____ DRAWDOWN FT. _____ HOURS RUN _____

OTHER DATA AVAILABLE: WATER LEVEL RECORD _____ ANALYSIS _____

SURFACE ELEV. _____ DATUM _____ SOURCE OF INFORMATION _____

[illegible]

FOR FIELD COPIES USE ALTERNATE LINES

LOG OBTAINED BY _____ DATE _____ SHEET 1 OF _____

45270 7-51 30M 2UIN ① SPO

ORIGINAL
File Original, Duplicate and Triplicate with the
REGIONAL WATER POLLUTION

CONTROL BOARD No. _____
(Insert appropriate number)

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

LOCATION NOT CHECKED

Do Not Fill In
N^o 45210
State Well No. 11N/4E-
Other Well No. 11N/4E-35J

(1) OWNER:

Name

Address

(2) LOCATION OF WELL:

County Sutter Owner's number, if any—

R. F. D. or Street No.

342' W Old Marysville Rd.
474' N. Riego Road

(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

1 20 12 12

2 20 12 12

3 20 12 12

4 20 12 12

5 20 12 12

6 20 12 12

7 20 12 12

8 20 12 12

9 20 12 12

10 20 12 12

11 20 12 12

12 20 12 12

13 20 12 12

14 20 12 12

15 20 12 12

16 20 12 12

17 20 12 12

18 20 12 12

19 20 12 12

20 20 12 12

21 20 12 12

22 20 12 12

23 20 12 12

24 20 12 12

25 20 12 12

26 20 12 12

27 20 12 12

28 20 12 12

29 20 12 12

30 20 12 12

31 20 12 12

32 20 12 12

33 20 12 12

34 20 12 12

35 20 12 12

If gravel packed

Diameter of Bore from ft. to ft.

1 20 12 12

2 20 12 12

3 20 12 12

4 20 12 12

5 20 12 12

6 20 12 12

7 20 12 12

8 20 12 12

9 20 12 12

10 20 12 12

11 20 12 12

12 20 12 12

13 20 12 12

14 20 12 12

15 20 12 12

16 20 12 12

17 20 12 12

18 20 12 12

19 20 12 12

20 20 12 12

21 20 12 12

22 20 12 12

23 20 12 12

24 20 12 12

25 20 12 12

26 20 12 12

27 20 12 12

28 20 12 12

29 20 12 12

30 20 12 12

31 20 12 12

32 20 12 12

33 20 12 12

34 20 12 12

35 20 12 12

(7) PERFORATIONS:

Type of perforator used

Size of perforations in., length, by in.

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

1 20 12 12

2 20 12 12

3 20 12 12

4 20 12 12

5 20 12 12

6 20 12 12

7 20 12 12

8 20 12 12

9 20 12 12

10 20 12 12

11 20 12 12

12 20 12 12

13 20 12 12

14 20 12 12

15 20 12 12

16 20 12 12

17 20 12 12

18 20 12 12

19 20 12 12

20 20 12 12

21 20 12 12

22 20 12 12

23 20 12 12

24 20 12 12

(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.

1 20 12 12

2 20 12 12

3 20 12 12

4 20 12 12

5 20 12 12

6 20 12 12

7 20 12 12

8 20 12 12

9 20 12 12

10 20 12 12

11 20 12 12

12 20 12 12

13 20 12 12

14 20 12 12

15 20 12 12

(9) WATER LEVELS:

Depth at which water was first found 54 ft.

Standing level before perforating ft.

Standing level after perforating ft.

(10) WELL TESTS:

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

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

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

Was electric log made of well? ☐ Yes ☐ No

(11) WELL LOG:

Total depth 133 ft. Depth of completed well 133 ft.

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

0 ft. to 3 ft. Top Soil

3 " 50 " Clay

50 " 52 " Sand

52 " 128 " Clay

128 " 133 " Sand

official no. 11N/4E-35J1

plots in 35 RJ

plot .1 mi W of
P.C. Rd. 26 mi N of
Riego Rd

CONFIDENTIAL
Section 7076.1, Water Code

FOR OFFICIAL USE ONLY

Work started 6/2/58 19 Completed 19

WELL DRILLER'S STATEMENT:

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

NAME E. C. Keables, Well Drilling

(Person, firm, or corporation)

(Typed or printed)

Address 1700 Glenrose Ave., N. Sacto., 15
California

[SIGNED] E. C. Keables

Well Driller

License No. 157234 Dated Jan. 19 59

DUPLICATE

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

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS

DIVISION OF WATER RESOURCES

9168

DWR Log No: 51-100
Do Not Fill In

State Well No. _____
Other Well No. 11/1-372
Region _____

(1) DRILLER: (person, firm, or corporation)

Name E. C. Keables

Address 1700 Glenrose Ave.,
Sacramento, Calif.

OWNER

Name _____

Address _____

(2) Proposed Use (Check)

Domestic ☐ Industrial ☐
Irrigation ☒ Test Well ☐
Municipal ☐ Other 2 ☐

Equipment

Rotary ☐
Cable ☒
Dug Well 2 ☐
Other ☐

(3) CASING:

88 ft. of 14 in 12 x/ga. casing 88 left in well

34 Ft. Liner from 138' to 172'

Type and size of shoe or well ring 14" 1-X

(4) PERFORATIONS:

Type of perforator used

Perforated	ft. to	ft.	holes per	in.
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..
..	..	..	..	..

Diameter of perforations in., length in.

(5) WATER LEVELS:

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

Depth at which water was first found 34 ft.

Standing level before perforating ft.

Standing level after perforating ft.

Note your observation of any change in water level while drilling

Was a surface sanitary seal provided? Yes 1-3

(6) WELL PUMPING TEST:

Capacity gal./min. ft. draw down

Was well gravel packed? 2

Were any strata sealed against pollution? 2

Temperature Was a chemical analysis made? Attach copy

If abandoned was well capped?

(7) TYPE OF WORK (check):

New well ☒ Reconditioning of well ☐

Deepening existing well ☐

(8) LOCATION OF WELL:

County Sutter

R. F. D. or Street No.

2376' N Reigo Rd.
1200' W of W.P. Railroad

(9) WELL LOG:

Total depth of well 290 ft.

Formation: Mention size of water gravel—

1	ft. to	3	ft.	Top Soil
3	..	21	..	Harapan
21	..	60	..	Clay
60	..	85	..	Sand
85	..	99	..	Clay
99	..	106	..	Sand
106	..	120	..	Clay
120	..	125	..	Sand
125	..	150	..	Clay
150	..	172	..	Sand
172	..	275	..	Clay
275	..	290	..	Sand, Coarse

FOR OFFICIAL USE ONLY

Work started 4/5/51 19 Completed 4-11/19

Date of Report July 1952 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] E. C. Keables

By E. C. Keables Well Driller

License No. 96347 Classification C-57

Dated _____, 19

31-010

DIVISION OF WATER RESOURCES

11N 5E 26L2

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

Do Not Fill In

State Well No. 11N/5E-20 L 2

Other Well No. _____

Region 5

(1) Driller:

Name V. J. McGrew
Address 304 W. El Camino
North Sacramento, California
License No. 17425 Classification A

(2) Proposed use or uses (*check*): (3) Equipment used

Domestic ☐ Municipal ☐ (check):
 Irrigation ☐ Industrial ☐ Rotary ☐
 Domestic and Test well ☐ Cable ☒
 Irrigation ☐ Dug well ☐
 Other ☐ Stock Well ☐ Other ☐

(4) Type of work (*check*):

New well ☒ Reconditioning of well ☐
Deepening existing well ☐

(5) Well log:

Total depth of well.....**100'**.....ft.

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

Depth From Ground Surface

[illegible]

Top Soil	Red	
Hard Pan	Yellow	
Sand	Gray	Fine
Clay Sandy	Yellow	Soft
Clay	White	Packed
Sand	Brown	Soft

Plotted and Correlated
Res. Well 11N 5E 26L2

FOR OFFICIAL USE ONLY

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

(6) Casing left in well:

[illegible]

Type and size of shoe or well ring **None** Welded joints—☒ Yes ☐ No

WATER WELL DRILLERS REPORT

(Sections 7076, 7077, 7078, Water Code)

STATE OF CALIFORNIA

LOCATION ~~NOT~~ CHECKED

No. 1994

State Well No. 11N/SE-3461

Other Well No. 11N/SE-3461

(2) LOCATION OF WELL:

County Placer Owner's number, if any—

R. F. D. or Street No.

1500' N. of Base Line Rd.
Sec. 33, T. 11 N., R. 5 E
4 1/2 miles E of Reno

(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 139 1/2 ft. to 14 ft. Diam. 12 in.

If gravel packed

Diameter of Bore from ft. to ft.

Type and size of shoe or well ring 14" 4 x 5/8 Size of gravel:

Describe joint Butt weld

(7) PERFORATIONS:

Type of perforator used

Size of perforations in., length, by in.

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 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 60 ft.

Static level before perforating 65 ft.

Static level after perforating

(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 320 ft. Depth of completed well ft.

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

0	ft. to	1	ft.	
0		5		top soil
5		20		hard pan
20		30		granulated formation
30		35		clay
35		60		coarse sand
60		65		clay
65		70		sandy - 1st water
70		80		clay
80		110		soft & sandy
110		120		clay
120		185		sandy clay
185		195		hard clay
195		215		soft
215		225		clay
225		250		light sand
250		265		hard clay
265		275		sand
275		297		clay
297		310		coarse sand
310		320		red clay
				black sand

Plotted and Coded

As Well 11N SE 3461

FOR OFFICIAL USE ONLY

Work started July 7 1954. Completed July 13 1954

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 Frank P. Conley

Address 432 Feather River Blvd
Marysville, Calif

[SIGNED] Frank P. Conley

License No. 105346 Dated July 13, 1954