

## Well Permit Records

### Description

Water Well Drillers Report No. 00237  
Water Well Drillers Report No. 38183  
Water Well Drillers Report No. 39699  
Water Well Drillers Report No. 39700  
Water Well Drillers Report No. 40801  
Water Well Drillers Report No. 77811  
Water Well Drillers Report No. 77847  
Water Well Drillers Report No. 104153  
Water Well Drillers Report No. 106363  
Water Well Drillers Report No. 3075  
Water Well Drillers Report No. 222811  
Water Well Drillers Report No. 77848  
Water Well Drillers Report No. 792431  
Well Permit Application No. 102625  
Well Permit Application No. SR0102625  
Well Completion Report No. 706518  
Well Permit Application No. 3260  
Well Permit Application No. SR0102221  
Well Permit Application No. 101951  
Well Permit Application No. 105175  
Well Permit Application No. 9138  
Water Well Drillers Report No. 9425  
Water Well Drillers Report No. 9426  
Well Permit Application No. 1663  
Water Well Drillers Report No. 125608  
Well Permit Application No. 100011  
Well Permit Application No. SR100045  
Well Permit Application No. SR100046  
Well Permit Application No. 100180  
Well Permit Application No. SR100304

Water Well Completion Report  
Casmalia Resources Wells  
August 2, 1982

ORIGINAL

DEPARTMENT OF WATER RESOURCES

WATER WELL DRILLERS REPORT

Guadalupe Do not fill in No. 00237

File with DWR DEC 30 1977

Notice of Intent No. \_\_\_\_\_

Local Permit No. or Date \_\_\_\_\_

State Well No. \_\_\_\_\_

Other Well No. \_\_\_\_\_

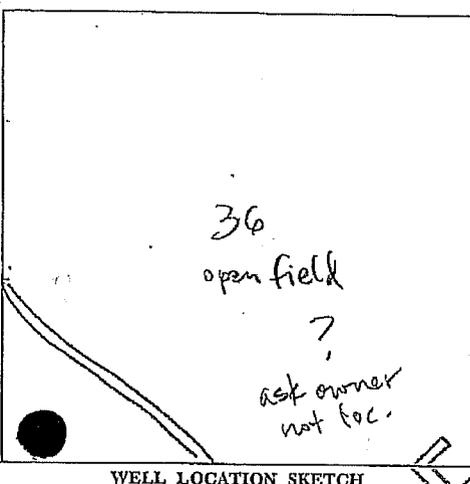
E09

(1) OWNER: Name Rosario Curletti  
Address 1715 Garden St  
City Santa Barbara, Ca Zip 93101

(2) LOCATION OF WELL (See instructions):  
County Santa Barbara Owner's Well Number 2

Well address if different from above  
Township 10N Range 35W Section 36

Distance from cities, roads, railroads, fences, etc.  
1/2 mi W of Casmalia Rd, 3/10 mi N of Hwy 1



(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 \_\_\_\_\_  
Bucket from \_\_\_\_\_ to \_\_\_\_\_ ft.

(7) CASING INSTALLED:

From ft.	To ft.	Dia. in.	Gage or Wall

(8) PERFORATIONS:

From ft.	To ft.	Slot size

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

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

(11) WELL TESTS:  
Was well test made? Yes  No  If yes, by whom? \_\_\_\_\_  
Type of test Pump  Bailor  Air lift   
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? \_\_\_\_\_  
Metric log made? Yes  No  If yes, attach copy to this report

(12) WELL LOG: Total depth 763 ft. Depth of completed well \_\_\_\_\_ ft.  
from ft. to ft. Formation (Describe by color, character, size or material)  
SEE ATTACHED LOG

NOT FOR PUBLIC USE WATER CODE SEC. 13752

Work started 19 \_\_\_\_\_ Completed 19 \_\_\_\_\_

WELL DRILLER'S STATEMENT:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
SIGNED *Floyd V. Wells* (Well Driller)  
NAME Floyd V. Wells, Inc (Person, firm, or corporation) (Typed or printed)  
Address P. O. Box 1007  
City Santa Maria, Ca Zip 93456  
License No. C57-229570 Date of this report 11/11/77

URS # 001

WATER WELL DRILLING LOG

Owner: Rosario Curletti Company:

Well No.: 2 Rig: 5

Location of Well: 1/2 mi West of Casmalia Rd, 3/10 mi North of Hwy 1  
T10N, R35W, Section 36

Surface Pipe or Seal: none **DEC 30 1977** Size: Depth: Gauge:

Well Bore Diameter: Depth of Casing Set:

Casing Size: Gauge: Type:

Perforations: Size: Type: Number:

Perforation Location from Ground Level: From: To:

TEST HOLE ONLY

Level Rack: Type: Quantity:

Bits: No. Used: 1 Size: 7/8

Drilling Method: Air: Foam: Mud: X

Material Used: Gel: 70 sacks P-95: Foam:

Well Started: Well Completed: 11-4-77 Driller: Paul Hodges

CONFIDENTIAL - NOT FOR PUBLIC RELEASE

TEST PUMPING INFORMATION:

Production Test:

Standing Water Level: Pumping Level:

G.P.M.: Pumping Level

REMARKS:



# WATER WELL DRILLERS REPORT

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

Do Not Fill In

## THE RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF WATER RESOURCES

N: 38183

State Well No. 10N/35W-25/

Other Well No. \_\_\_\_\_

UG 17 1970

(1) OWNER:  
Name Union Sugar Co.  
Address 2820 W. Betteravia Rd.  
Santa Maria, Calif 93454

(2) LOCATION OF WELL:  
County Santa Barbara Owner's number, if any \_\_\_\_\_  
Township, Range, and Section T-10-N, R-35-W  
Distance from cities, roads, railroads, etc. Section 25

(11) WELL LOG:  
Total depth 372 ft. Depth of completed well 372 ft.  
Formation: Describe by color, character, size of material, and structure

0-4	Sand
4-8	Hard pan
8-84	Yellow clay
84-100	Yellow clay & sand
100-174	Gravel
174-206	Yellow clay
206-216	Yellow clay & gravel
216-248	Gravel
248-258	Sand
258-278	Yellow clay
278-291	Gravel
291-300	Gray clay
300-312	Sandy gray clay
312-326	Muddy sand
326-331	Yellow clay
331-337	Muddy sand
337-341	Yellow clay
341-344	Sand
344-362	Gravel
362-372	Soft yellow clay

(3) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Destroying   
If destruction, describe material and procedure in Item 11.

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

(5) EQUIPMENT:  
Rotary   
Cable   
Other

(6) CASING INSTALLED:

STEEL:		OTHER:		If gravel packed		
From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.
0	372	16"	1/2"			

Size of shoe or well ring: 16 x 10 x 7/8 Size of gravel: \_\_\_\_\_  
Describe joint Welded

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

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
130	174	10	1	3/8 x 1/4"
220	248	10	1	3/8 x 1/4"
280	291	10	1	3/8 x 1/4"
350	362	10	1	3/8 x 1/4"

(8) CONSTRUCTION:  
Was a surface sanitary seal provided? Yes  No  To what depth 24 ft.  
Were any strata sealed against pollution? Yes  No  If yes, note depth of strata \_\_\_\_\_  
From 0 ft. to 24 ft.  
From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Method of sealing Cement between two casings

(9) WATER LEVELS:  
Depth at which water was first found, if known 102 ft.  
Standing level before perforating, if known 102 ft.  
Standing level after perforating and developing 102 ft.

(10) WELL TESTS:  
Was pump test made? Yes  No  If yes, by whom? Stu Johnston  
Rate 2000 gal./min. with 22 ft. drawdown after 92 hrs.  
Temperature of water \_\_\_\_\_ Was a chemical analysis made? Yes  No   
Was electric log made of well? Yes  No  If yes, attach copy \_\_\_\_\_

CONFIDENTIAL - NOT FOR PUBLIC RELEASE

Cement & Rock Plug 366'

Work started 7-1 19 70, Completed 7-22 19 70

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 Longwell & Taylor  
(Person, firm, or corporation) (Typed or printed)

Address 403 So. Ranch St.  
Santa Maria, Calif 93454

[SIGNED] Merle Taylor  
(Well Driller)

License No. 230155

SKETCH LOCATION OF WELL ON REVERSE

URS # 002

with DWR

WELL DRILLERS REPC  
(Sections 7079, 7080, 7081, 7082, Water Code)

THE RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

No. 10 N / 35 W - 2  
State Well No. 10 N / 35 W - 2  
Other Well No.

<p>1) OWNER:</p> <p>Name <u>Union Sugar Co.</u></p> <p>Address <u>2820 W. Baitteravia Rd.</u> <u>Santa Maria, Calif 93154</u></p> <p>2) LOCATION OF WELL:</p> <p>County <u>Santa Barbara</u> Owner's number, if any</p> <p>Map, Range, and Section <u>T-10-N R-35-W</u></p> <p>Distance from cities, roads, railroads, etc. <u>Section 25</u></p> <p>3) TYPE OF WORK (check):</p> <p>Drill Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Reconditioning <input type="checkbox"/> Destroying <input type="checkbox"/></p> <p>If destruction, describe material and procedure in Item 11.</p> <p>4) PROPOSED USE (check):</p> <p>Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Rotary <input type="checkbox"/></p> <p>Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Other <input type="checkbox"/> Cable <input checked="" type="checkbox"/></p> <p>Other <input type="checkbox"/></p> <p>5) CASING INSTALLED:</p> <p>STEEL: OTHER:</p> <p>ANGLE <input checked="" type="checkbox"/> DOUBLE <input type="checkbox"/></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Diam.</th> <th>Gage or Wall</th> <th>Diameter of Bore</th> <th>From ft.</th> <th>To ft.</th> </tr> </thead> <tbody> <tr> <td></td> <td>372</td> <td>16"</td> <td>1/4"</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Size of shoe or well ring: <u>16 x 10 x 7/8</u> Size of gravel:</p> <p>Describe joint: <u>Welded</u></p> <p>6) PERFORATIONS OR SCREEN:</p> <p>Type of perforation or name of screen: <u>Mills</u></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>From ft.</th> <th>To ft.</th> <th>Perf. per row</th> <th>Rows per ft.</th> <th>Size in. x in.</th> </tr> </thead> <tbody> <tr> <td>130</td> <td>174</td> <td>10</td> <td>1</td> <td>3/8 x 1/2"</td> </tr> <tr> <td>220</td> <td>248</td> <td>10</td> <td>1</td> <td>3/8 x 1/2"</td> </tr> <tr> <td>280</td> <td>291</td> <td>10</td> <td>1</td> <td>3/8 x 1/2"</td> </tr> <tr> <td>350</td> <td>362</td> <td>10</td> <td>1</td> <td>3/8 x 1/2"</td> </tr> </tbody> </table> <p>7) CONSTRUCTION:</p> <p>Is a surface sanitary seal provided? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> To what depth <u>24</u> ft.</p> <p>Are any struts sealed against pollution? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, note depth of struts</p> <p>0 ft. to <u>24</u> ft.</p> <p>Method of sealing: <u>Cement between two casings</u></p> <p>8) WATER LEVELS:</p> <p>Depth at which water was first found, if known <u>102</u> ft.</p> <p>Standing level before perforating, if known <u>102</u> ft.</p> <p>Water level after perforating and developing <u>102</u> ft.</p> <p>9) WELL TESTS:</p> <p>Is pump test made? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, by whom? <u>Stu Johnston</u></p> <p>Rate of flow <u>20</u> gal./min. with <u>22</u> ft. drawdown after <u>12</u> hrs.</p> <p>Temperature of water <u>-</u> Was a chemical analysis made? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Is electric log made of well? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, attach copy</p>					From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.		372	16"	1/4"				From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.	130	174	10	1	3/8 x 1/2"	220	248	10	1	3/8 x 1/2"	280	291	10	1	3/8 x 1/2"	350	362	10	1	3/8 x 1/2"	<p>(11) WELL LOG:</p> <p>Total depth <u>372</u> ft. Depth of completed well <u>372</u> ft.</p> <p>Formation: Describe by color, character, size of material, and structure</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>ft. to</th> <th>ft.</th> </tr> </thead> <tbody> <tr><td>0-4</td><td>Sand</td></tr> <tr><td>4-8</td><td>Hard pan</td></tr> <tr><td>8-84</td><td>Yellow clay</td></tr> <tr><td>84-100</td><td>Yellow clay &amp; sand</td></tr> <tr><td>100-174</td><td>Gravel</td></tr> <tr><td>174-206</td><td>Yellow Clay</td></tr> <tr><td>206-216</td><td>Yellow clay &amp; gravel</td></tr> <tr><td>216-248</td><td>Gravel</td></tr> <tr><td>248-258</td><td>Sand</td></tr> <tr><td>258-278</td><td>Yellow clay</td></tr> <tr><td>278-291</td><td>Gravel</td></tr> <tr><td>291-300</td><td>Gray clay</td></tr> <tr><td>300-312</td><td>Sandy gray clay</td></tr> <tr><td>312-326</td><td>Muddy sand</td></tr> <tr><td>326-331</td><td>Yellow clay</td></tr> <tr><td>331-337</td><td>Muddy sand</td></tr> <tr><td>337-341</td><td>Yellow clay</td></tr> <tr><td>341-344</td><td>Sand</td></tr> <tr><td>344-362</td><td>Gravel</td></tr> <tr><td>362-372</td><td>Soft yellow clay</td></tr> </tbody> </table> <p>Cement &amp; rock Plug 366'</p>					ft. to	ft.	0-4	Sand	4-8	Hard pan	8-84	Yellow clay	84-100	Yellow clay & sand	100-174	Gravel	174-206	Yellow Clay	206-216	Yellow clay & gravel	216-248	Gravel	248-258	Sand	258-278	Yellow clay	278-291	Gravel	291-300	Gray clay	300-312	Sandy gray clay	312-326	Muddy sand	326-331	Yellow clay	331-337	Muddy sand	337-341	Yellow clay	341-344	Sand	344-362	Gravel	362-372	Soft yellow clay
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WATER WELL DRILLERS REPORT

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

Do Not Fill In

OCT 27 1967

THE RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF WATER RESOURCES

No 40801

State Well No. 10N/25W-35B  
Other Well No.

(1) OWNER:  
Name Righetti Ranches  
Address Rt. #2, Box 1016,  
Orcutt, Calif.

(11) WELL LOG:  
Total depth 130 ft. Depth of completed well 105 ft.

(2) LOCATION OF WELL:  
County Santa Barbara Owner's number, if any  
Township, Range, and Section  
Distance from cities, roads, railroads, etc. 6 miles West of Orcutt  
on Highway #1. .4 Mile North of Hwy #1.

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

0	to	10	Adobe
19		28	Gray clay
28		45	Brown sandy clay, some gravel
45		52	Brown Clay
52		72	Gravel & sand
72		78	White sandy clay
78		97	White sand, some gravel
97		130	White sand

(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 <input checked="" type="checkbox"/>				DOUBLE <input type="checkbox"/>		
From ft.	To ft.	Diam.	Thickness of Wall	Diameter of Bore	From ft.	To ft.
0	110	8 5/8	1/4			

Cement plug 105'

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Size of shoe or well ring: 8 x 6 x 1/2 Size of gravel:  
Describe joint: Welded

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

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
60	72	4	2	3 x 3/16
80	95	4	2	3 x 3/16

(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.

Work started 9-3-1967 Completed 9-18-1967

(9) WATER LEVELS:  
Depth at which water was first found, if known: 61 ft.  
Standing level before perforating, if known: 61 ft.  
Standing level after perforating and developing: 61 ft.

WELL DRILLER'S STATEMENT:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
NAME Longwell & Taylor  
(Person, firm, or corporation) (Typed or printed)

(10) WELL TESTS:  
Was pump test made? Yes  No  If yes, by whom? Stu Johnston  
Flow: 100 gal./min. with 39 ft. drawdown after 36 hrs.  
Temperature of water \_\_\_\_\_ Was a chemical analysis made? Yes  No   
Was electric log made of well? Yes  No  If yes, attach copy

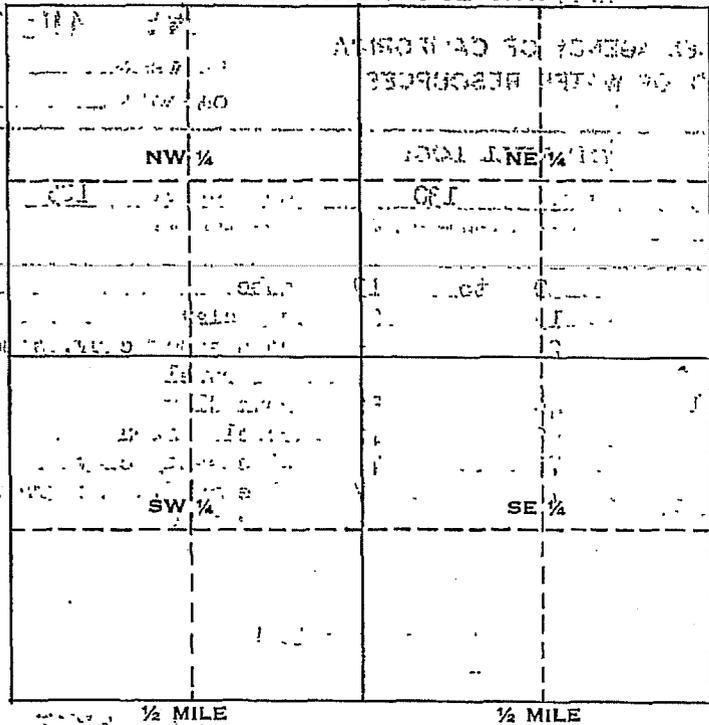
Address 493 So. Ranch St.,  
Santa Maria, Calif.  
[SIGNED] Merle Taylor  
(Well Driller)  
License No. 230155-G57 Dated Oct. 24, 19 67

SKETCH LOCATION OF WELL ON REVERSE

WELL LOCATION SKETCH

40801

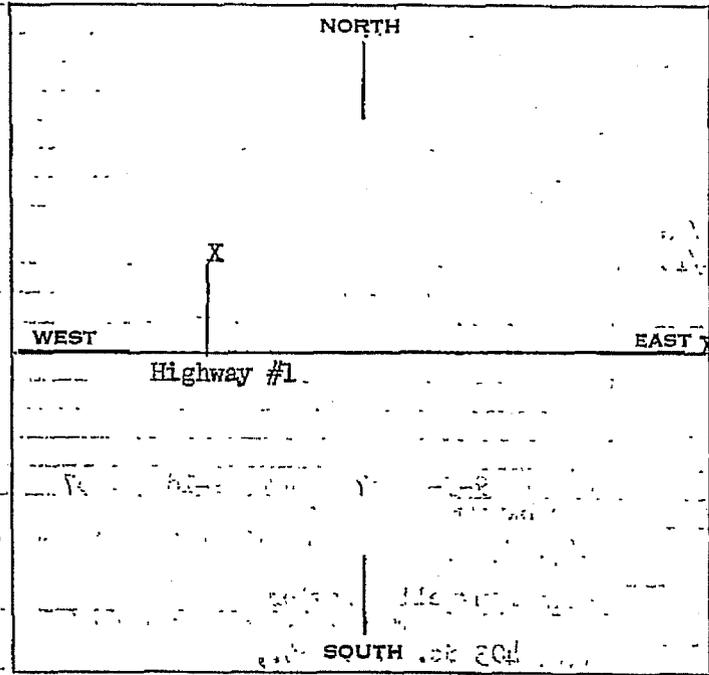
NORTH BOUNDARY OF SECTION



1/2 MILE  
1/2 MILE

Township \_\_\_\_\_  
Range \_\_\_\_\_  
Section No. \_\_\_\_\_

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



6 miles West of Orcutt  
on Hwy #1  
.4 of a mile North of Hwy #1

Orcutt

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

67 NOV 27 AM 7 49

OCT 31 1974

STATE OF CALIFORNIA  
THE RESOURCES AGENCY

Do Not Fill In

No 77811

ORIGINAL  
File with DWR

DEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

State Well No. \_\_\_\_\_  
Other Well No. \_\_\_\_\_

10N 35W 27

(1) OWNER:

Name James McLellan  
Address 4841 Karmes Rd.  
Santa Maria, CA 93454

(11) WELL LOG:

Total depth 475 ft. Depth of completed well 423 ft.  
Formation: Describe by color, character, size of material, and structure  
ft. to \_\_\_\_\_ ft.

(2) LOCATION OF WELL:

County Santa Barbara Owner's number, if any #1  
Township, Range, and Section 3/10 mi. west of W. Clark Ave.  
Distance from cities, roads, railroads, etc. extension, 500 ft. south  
of Hwy. #1

T-10-N, R-35-W, Sec. 27

See attached log

(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	423	8 5/8	1/2"	16"	0	423

CONFIDENTIAL - NOT  
FOR PUBLIC RELEASE

Size of shoe or well ring:

Size of gravel:

Describe joint Butt welded

(7) PERFORATIONS OR SCREEN:

Type of perforation or name of screen

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
423	383	8	2	100 mesh

(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

Work started 1-10 19 72, Completed 1-14 19 72

(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 216 ft.

(10) WELL TESTS:

Was pump test made? Yes  No  If yes, by whom? Floyd V. Wells

Yield: 320 gal./min. with 15 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

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 Floyd V. Wells, Inc.  
(Person, firm, or corporation) (Typed or printed)

Address P.O. Box 1007  
Santa Maria, CA 93454

[SIGNED] *Floyd V. Wells*  
(Well Driller)

License No. C57-220-570 Date 25 February 1972

SKETCH LOCATION OF WELL ON REVERSE

# FLOYD V. WELLS, INC.

116 North Blosser Road • Phone Walnut 5-8626  
SANTA MARIA, CALIFORNIA 93454

Mailing Address:  
Post Office Box 1007  
Santa Maria, California

Goleta Office:  
5798 Dawson Ave.  
Phone 967-4124  
Santa Maria  
Phone Zenith 2-7726

Log of well drilled for : James McLellan

Well number : #1, Rotary

Location : 3/10 mile west of West Clark Ave. extension,  
500 ft. south of Hwy. #1

Well bore : 16"

Casing : 423 ft. of 8 5/8" x 1/4" wall pipe

Perforations : 423 ft. to 383 ft. of 8 rows, 100 mesh

Well completed : 14 January 1972

Formation

From	To	Feet	Description
0	2	2	Top soil
"	2	12	Brown sandy clay
"	12	15	Coarse brown sand with small amount gravel & clay
"	15	20	Coarse sand and gravel with sandy clay
"	20	40	Dark brown sandy clay with gravel
"	40	50	Brown sandy clay and gravel with reddish sand strips
"	50	55	Brown sand and small amount gravel with sandy clay
"	55	65	Brown coarse sand
"	65	75	Brown sandy clay
"	75	125	Brown sandy clay with small amount gravel
"	125	155	Brown sandy clay
"	155	198	Brown sand with brown sandy clay
"	198	220	Coarse sand and gravel
"	220	280	Coarse sand with thin clay strips
"	280	290	Fine sand with coarse sand
"	290	295	Coarse sand
"	295	305	Coarse sand with gray clay strips
"	305	358	Coarse brown sand
"	358	361	Fine and coarse brown sand
"	361	374	Coarse brown sand with sandy clay strips
"	374	378	Coarse brown sand with small amount of gravel
"	378	387	Brown sandy clay with gravel
"	387	423	Coarse sand and gravel with boulders
"	423	435	Sandy brown clay with fine sand & small amount gravel
"	435	475	Fine sand and sandy brown clay

JUL 31 1973

STATE OF CALIFORNIA  
THE RESOURCES AGENCY

Do Not Fill In

ORIGINAL  
File with DWR

DEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT

No. 77847

State Well No. 9N/34W

Other Well No.

(1) OWNER:

Name Ernest Righetti  
Address Rte. 2, Box 1016  
Orcutt, California

(11) WELL LOG:

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

(2) LOCATION OF WELL:

County Santa Barbara Owner's number, if any 1  
Township, Range, and Section 2.5 Miles W. of Black Mtd. on  
Distance from cities, roads, railroads, etc. Hwy 1, 100 yds. S of Hwy 1  
7.9 N - 35W 2

SEE ATTACHED LOG

(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	520	14"	.281	28"	0	747

\_\_\_\_\_ of size \_\_\_\_\_ well casing  
Size of gravel: \_\_\_\_\_

Describe work: butt welded

(7) PERFORATIONS OR SCREEN:

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
510	490	175 ft	to 112 ft	
345	335	70 ft	to 50 ft	
320	310			
285	260	14 rows of	100 mesh	
230	220			

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(8) CONSTRUCTION:

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

Work started 11-25-72, Completed 12-4-72  
WELL DRILLER'S STATEMENT:

(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 95 ft.

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

(10) WELL TESTS:

Was pump test made? Yes  No  If yes, by whom? Floyd Wells  
Yield 770 gal./min. with 235 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

NAME Floyd V. Wells, Inc.  
(Person, firm, or corporation) (Typed or printed)

Address P. O. Box 1007  
Santa Maria, California 93454

[SIGNED] *Floyd V. Wells*  
(Well Driller)

License No C57-229570 Dated July 16, 1973, 19

SKETCH LOCATION OF WELL ON REVERSE

OVER

URS # 007

# FLOYD V. WELLS, INC.

116 North Blosser Road • Phone WAInut 5-8626  
SANTA MARIA, CALIFORNIA 93454

77847

Mailing Address:  
Post Office Box 1007  
Santa Maria, California

Galeta Office:  
5798 Dawson Ave.  
Phone 967-4124  
Santa Maria  
Phone ZEnith 2-7726

Log of well drilled for : Ernest Righetti  
Well number : FVW #1, Rotary  
Location : 2.5 miles west of Black Road on Hwy. #1,  
100 yards south of Hwy. #1  
Well bore : 28"  
Casing : 520 ft. of 14" OD x .281 wall pipe  
Perforations : 510 ft. to 490 ft., 345 ft. to 335 ft.,  
320 ft. to 310 ft., 285 ft. to 260 ft.,  
230 ft. to 220 ft., 175 ft. to 112 ft.,  
70 ft. to 50 ft., 14 rows of 100 mesh  
Well completed : 4 December 1972

Formation

From	0	to	6	feet	
	0		6		Top soil
"	6	"	8		Brown sandy clay
"	8	"	16		Reddish brown sandy clay
"	16	"	50	"	Light brown sandy clay
"	50	"	70		Coarse sand and gravel
"	70	"	112		Light brown clay
"	112	"	121		Coarse sand and large gravel
"	121	"	128	"	Light brown sandy clay
"	128	"	135		Light brown sandy clay with boulders
"	135	"	137	"	Light brown sand and sandy clay
"	137	"	175	"	Coarse and fine sand with small amount sandy clay
"	175	"	180	"	Sandy clay
"	180	"	190	"	Fine sand and sandy clay with thin strips blue clay
"	190	"	200	"	Blue clay
"	200	"	220	"	Brown sandy clay and fine sand
"	220	"	225	"	Fine brown sand
"	225	"	230	"	Fine sand with brown clay
"	230	"	245	"	Fine sand with light blue clay
"	245	"	255	"	Light brown clay with fine sand
"	255	"	260	"	Fine sandy clay
"	260	"	265	"	Fine sand

- continued -

77847

## Formation

From	265	to	275	feet	Fine sand with light blue clay
"	255	"	308	"	Fine sand with light brown clay
"	308	"	325	"	Fine sand
"	325	"	330	"	Sandy clay
"	330	"	345	"	Light brown clay and fine sand
"	345	"	355	"	Blue clay and sand
"	355	"	365	"	Brown clay and sand
"	365	"	375	"	Light blue clay and fine sand
"	375	"	435	"	Light brown clay and fine sand
"	435	"	476	"	Blue clay and sand
"	476	"	486	"	Light brown clay and sand
"	486	"	510	"	Brown clay and coarse sand
"	510	"	535	"	Brown sandy clay and fine sand
"	535	"	541	"	Blue clay
"	541	"	580	"	Blue and brown sandy clay
"	580	"	595	"	Brown sandy clay
"	595	"	632	"	Blue mushy clay
"	632	"	640	"	Light brown sandy clay
"	640	"	660	"	Coarse sand and gravel with clay strips
"	660	"	685	"	Brown sandy clay
"	685	"	700	"	White clay and sand
"	700	"	718	"	Fine brown sand and sandy clay
"	718	"	736	"	Blue-gray sandy clay
"	736	"	747	"	Brown sandy clay



NOV 30 1977

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
DEPARTMENT OF WATER RESOURCES  
WATER WELL DRILLERS REPORT  
9N 34W 8

Do Not Fill In

No 106363

State Well No. \_\_\_\_\_  
Other Well No. III

(1) OWNER:  
Name Perry Byrd  
Address 5460 S 825 E - 801-621-2794  
CANON UTAH 84403

(11) WELL LOG:  
Total depth 258 ft. Depth of completed well 200 ft.  
Formation: Describe by color, character, size of material, and structure  
ft. to ft.

(2) LOCATION OF WELL:  
County SANTA BARBARA Owner's number, if any III 3  
Township, Range, and Section ASS 113 - 250 - 13  
Distance from cities, roads, railroads, etc. 400' E of Highway 1 + Solomon Rd Intersection - 60' N. of Hwy 1

Sandy TOP Soil DARK BRN 0-4  
Very BLACK loamish Sand Soil 4-10  
Loose med COARSE SAND w/BRN Clay 10-33  
COARSE SAND w/SOME Small GRAVEL 33-58  
Sand Firm w/ BROWN Clay 58-69  
BROWN Clay & SAND 69-77  
Loose med. COARSE SAND & GRAVEL 77-102  
Light GRAY & WHITE CLAY 102-123  
Loose SAND GRAVEL 123-127  
Yellow CLAY w/ SAND & SOME GRAVEL 127-138  
SAND Light BRN CLAY & Small GRAVEL 138-145  
Small GRAVEL & Light BRN CLAY 145-148  
Light BROWN CLAY & SAND 148-151  
Fine SAND Some BRN. CLAY 151-162  
MEDIUM COARSE TO COARSE SAND GRAVEL & SAND 162-174  
174-193  
BROWN CLAY w/ yellow & GRAY STRKS 193-200  
SAND 200-212  
GRAY & WHITE CLAY w/ SAND 212-258

(3) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Destroying   
If destruction, describe material and procedure in Item 11.

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

(5) EQUIPMENT:  
Rotary   
Cable   
Other

(6) CASING INSTALLED:

STEEL:		OTHER:		If gravel packed			
From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.	
0	200	6"	Sec 200	1 1/4	0	-258	

Size of shoe or well ring: \_\_\_\_\_ Size of gravel: 1/2 x 1/4 Rock

Describe joint GLUED Bell END

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

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
160	190	3	1	1/6" x 3"

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(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.  
From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Method of sealing CEMENT GROUT

Work started 8-21 19 77, Completed 8-26 19 77

(9) WATER LEVELS:  
Depth at which water was first found, if known \_\_\_\_\_ ft. 26  
Standing level before perforating, if known \_\_\_\_\_ ft. \_\_\_\_\_  
Standing level after perforating and developing \_\_\_\_\_ ft. 181

WELL DRILLER'S STATEMENT:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
NAME TERRY MCCORMICK  
(Person, firm, or corporation) (Typed or printed)

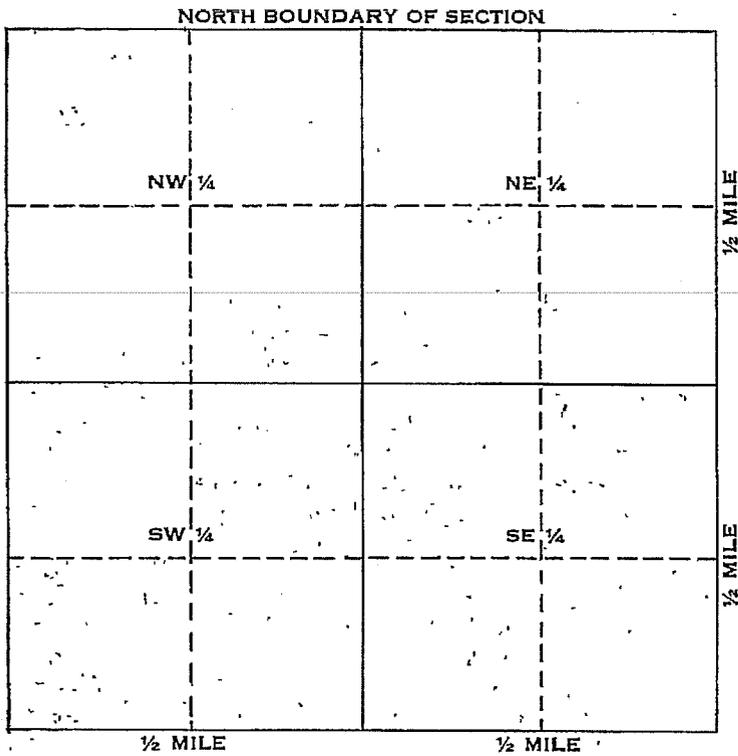
(10) WELL TESTS:  
Was pump test made? Yes  No  If yes, by whom? \_\_\_\_\_  
Field: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Temperature of water \_\_\_\_\_ Was a chemical analysis made? Yes  No   
Was electric log made of well? Yes  No  If yes, attach copy \_\_\_\_\_

Address 1345 Solomon Rd Po 2321  
ORCUTT CALIF 93454  
[Signed] Terry McCormick (Well Driller)  
License No. 322158 Dated 8-29 19 77

SKETCH LOCATION OF WELL ON REVERSE

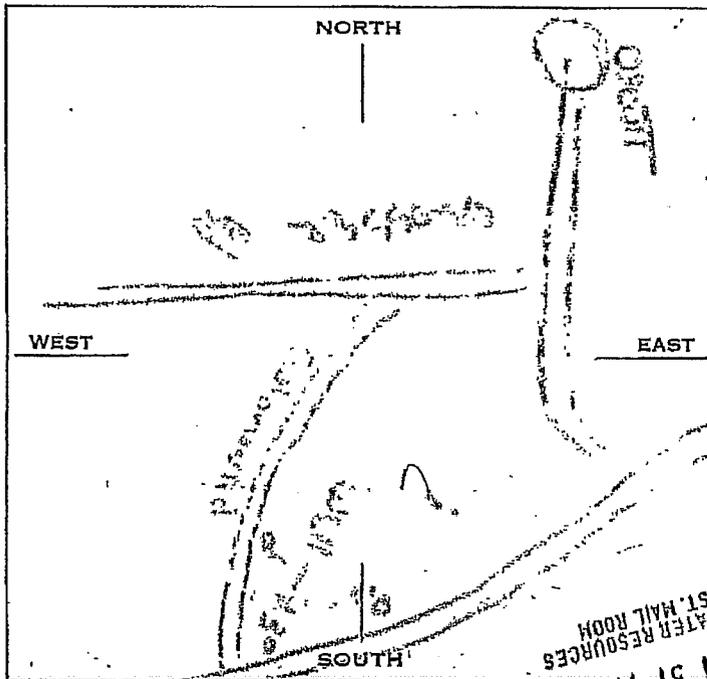
URS # 009

WELL LOCATION SKETCH



Township \_\_\_\_\_ N/S  
 Range \_\_\_\_\_ E/W  
 Section No. \_\_\_\_\_

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



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

DEPT. OF WATER RESOURCES  
 SO. DIST. MAIL ROOM

NOV 3 1 57 PM '77  
 RECEIVED

100 UALB  
 of Louisiana

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 9/30/80

Name of Well Owner GRACE Petroleum Corp.  
Mailing Address 301 S. Miller, Suite 115, Santa Maria, CA 93454 928-3741  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-270-18 Street Address Black Rd

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller John NARN 489-2258

Company Name Water Well Supply

Business Address P.O. Box 157 Arroyo Grande 93420 Date of Work \_\_\_\_\_

Contractor's License No. 238247 Start 9/30/80 Finish 10/3/80

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/> Industrial generator feedwater	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 300 ft.

Casing Information

Well Bore Diam 15 in.

Type: Steel  PVC  Other

Sealing Material (Check)

Wall/Gage 3/16 in. CLASS 200

Neat Cement  Clay

Diameter 8 in.

ement Grout  Concrete

Annular Seal Depth 50 ft.

Additional Work Description: \_\_\_\_\_

For Department Use Only

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed David R. Harrow, Ph.D. 9/30/80  
Applicant Date

Fee paid on 9/30/80  
Receipt No. 515238

Brenda J. Long  
Name  
October 1, 1980  
Date

S.B.  Sol   
S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. HEALTH OFFICER SHALL BE NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRE

ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Permit No. 3075  
Page     of     pages

Well Permit Application Received: Date ~~Oct~~ <sup>Sept</sup> 130 180

Site Investigation: By Brenda Wong Date Oct 11 1980

Findings: ON SITE. John Nairn has already begun drilling before a site investigation has been made. Informed Mr. Nairn that the application is to be signed off as a permit before drilling can commence once a site investigation has been made.

Application Reviewed and Approved: By Brenda Wong Date Oct 11 180

Work Investigation Record

Findings: 10-2-80 Rec call from John Nairn - Well to be sealed to a depth of 50 ft. tomorrow afternoon.

10-3-80 3:30 ON SITE - Well sealed to a depth of 51 feet, with cement grout.

10-10-80 - Letter sent to John Nairn concerning drilling without a permit

12-20-80 ON SITE - Pad poured around well; Pump and equipment is completely fenced off. Well log still has not been received.

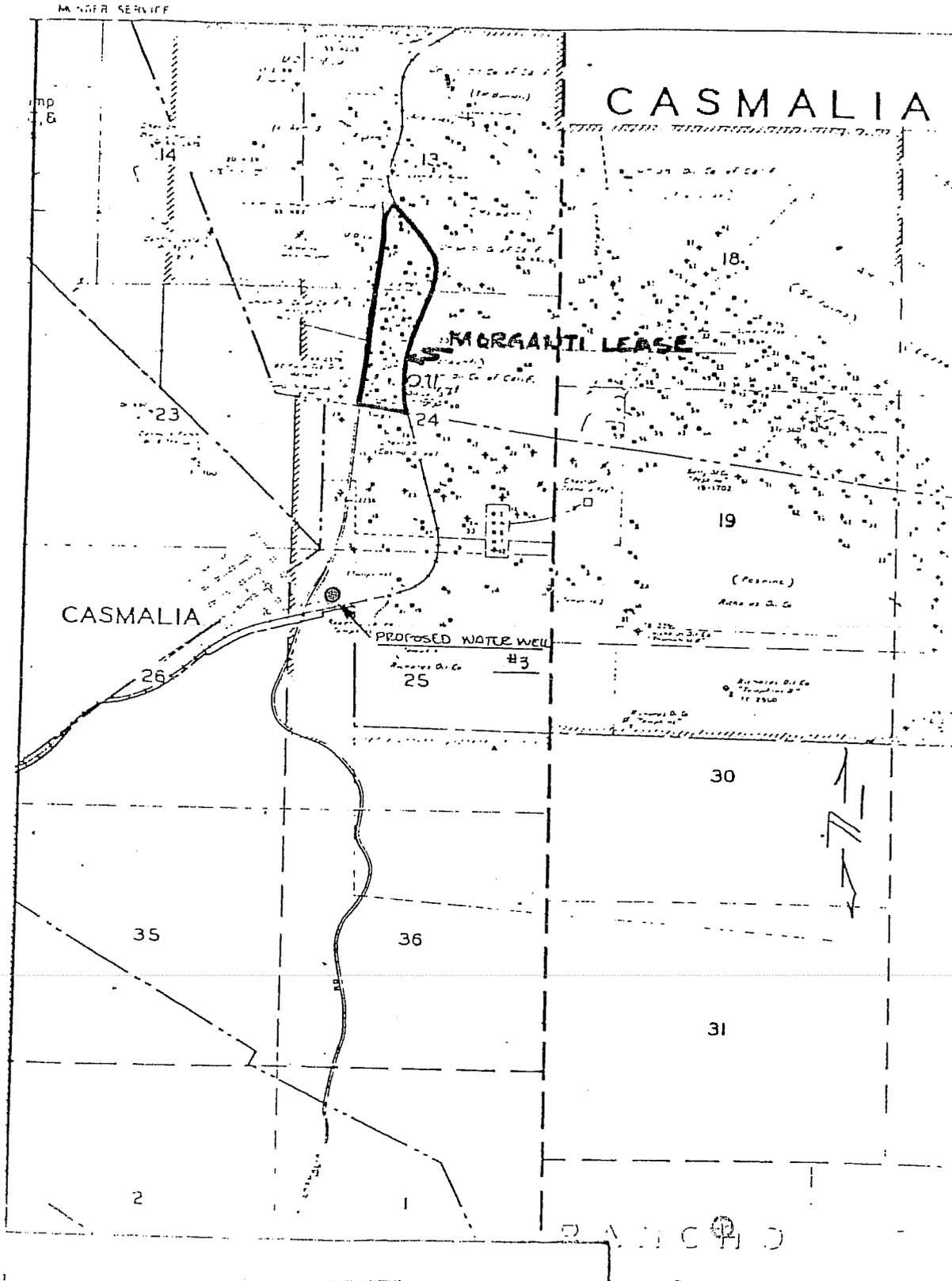
12-29-80 called John Nairn to send copy of drillers log so file can be closed

1-7-81 Drillers Log Recd.

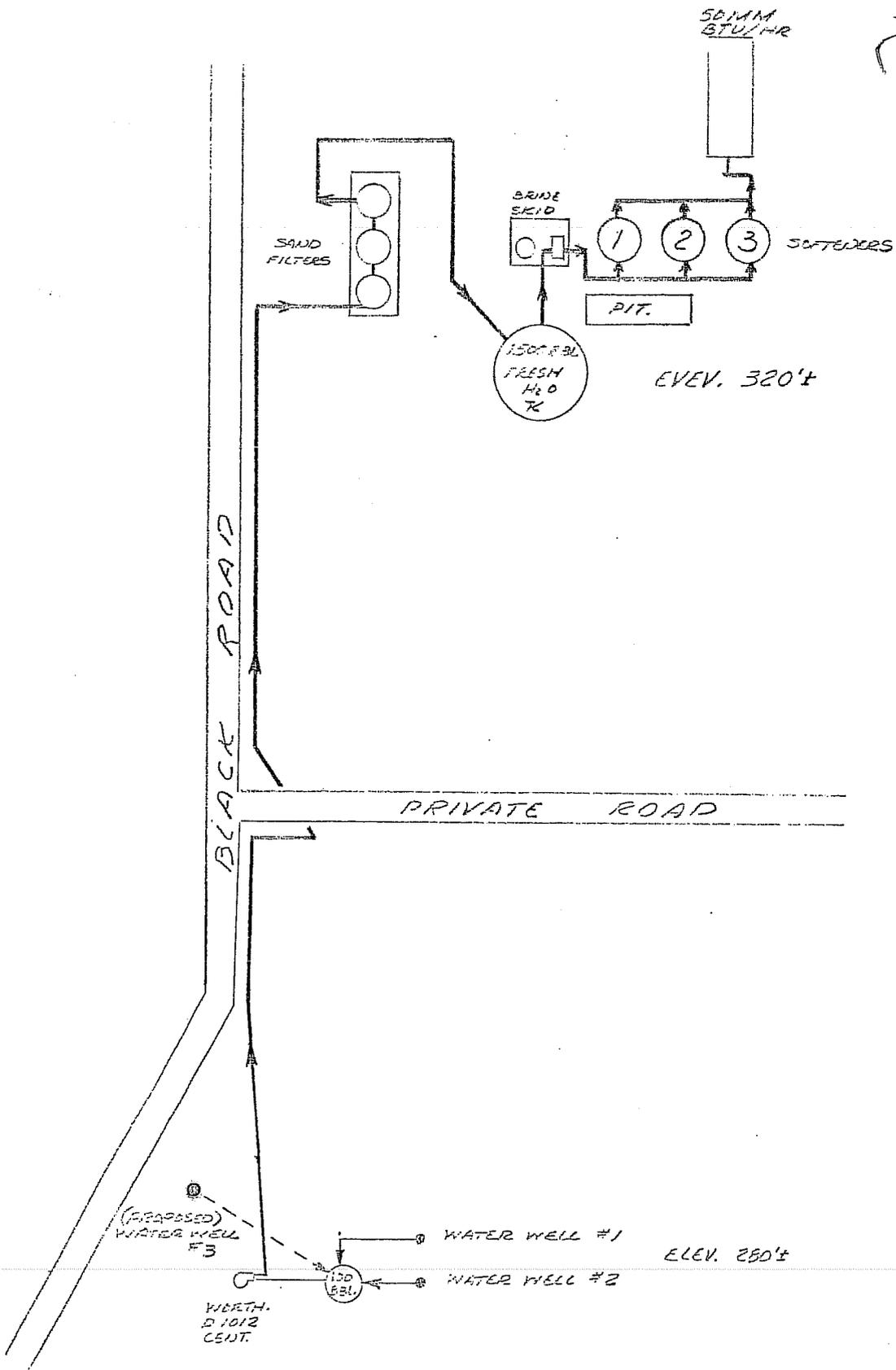
Final Inspection and Approval/Denial: By Brenda Wong Date 12 10 180

Notice of Work Acceptance/Rejection Sent to Well Owner On            .

( 3 075 )



(3075)



GRACE PETROLEUM CORPORATION  
 CASMALIA FIELD  
 FRESH WATER SYSTEM  
 NO SCALE

8/22/20  
 JES

TRIPPLICATE  
Owner's Copy

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

Do not fill in

No. 222811

Permit No. or Date S.B. County Permit #3315

State Well No. \_\_\_\_\_  
Other Well No. \_\_\_\_\_

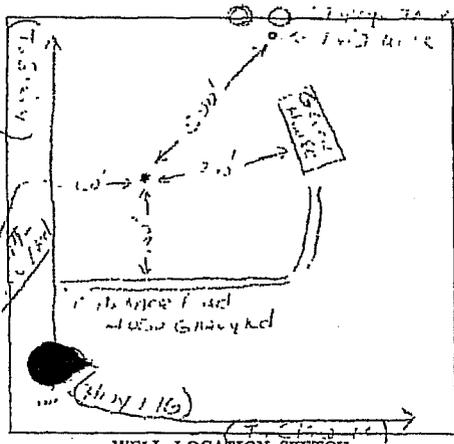
(1) OWNER: Name C.D. Trucking, Inc. c/o J.L. Gardner  
Address 4050 Garey Rd.  
City Santa Maria, Calif. Zip 93454

(12) WELL LOG: Total depth 321 ft. Depth of completed well 321 ft.  
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):  
County Santa Barbara Owner's Well Number 2  
Well address if different from above Assessors Parcel #129-100-09  
Township 9N Range 35W Section 1

SEE ATTACHED LOG

Distance from cities, roads, railroads, fences, etc. 200' East Of Hwy 176,  
150' N. Of Entrance Rd. Close To Vicinity Of  
Hwy 176 & Orcutt-Garey Rd. Intersection



(3) TYPE OF WORK:

- New Well  Deepening
  - Reconstruction
  - Reconditioning
  - Horizontal Well
  - Destruction  (Describe destruction materials and procedures in Item 12)
- (4) PROPOSED USE:
- Domestic
  - Irrigation
  - Industrial
  - Test Well
  - Stock
  - Municipal
  - Other

(5) EQUIPMENT:  
Rotary  Reverse   
Cable  Air   
Other  Bucket

(6) GRAVEL PACK:  
Yes  No  Size 1/4x8 BF  
Diameter of bore 15"  
Packed from 55' to 321' ft.

(7) CASING INSTALLED:  
Steel  Plastic  Concrete

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

From ft.	To ft.	Dia. in.	Cage or Wall	From ft.	To ft.	Slot size
0	321	3-5/8	.410	141'	316'	.060 x 2 1/2 x 24 Rows

(9) WELL SEAL:  
Was surface sanitary seal provided? Yes  No  If yes, to depth 55 ft.  
Were strata sealed against pollution? Yes  No  Interval \_\_\_\_\_ ft.  
Method of sealing Cement Seal

Work started 4/10 1984 Completed 4/13 1984

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

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

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

SIGNED \_\_\_\_\_  
(Well Driller)  
NAME Floyd V. Wells, Inc.  
(Person, firm, or corporation) (Typed or printed)  
Address 1337 W. Betteravia Rd.  
City Santa Maria, Calif. Zip 93454  
License No. C57-229570 Date of this report \_\_\_\_\_

URS # 011

WATER WELL DRILLING LOG

Owner: James L. Gardner, President Company: C.D. Trucking, Inc.

Well No.: 2 Rig: 7

Location of Well: Assessors Parcel #129-100-09 200 Ft East Of Hwy 176 R35 T9N Section 1

Surface Pipe or Seal: Top 55 Ft. Cemented In 17 1/2" Hole Size: Depth: Gauge:

Well Bore Diameter: 15" Depth of Casing Set: 321

Casing Size: 8" Gauge: Type:

Perforations: Size: .060 Type: Vertical Slot Number: 24 Rows

Perforation Location from Ground Level: 141' From: 0 To: 141 Blank

141-316 Perf. 316-321 Blank

Gravel Pack: Type: Dumped C.R. Size: 1/4 x 8 Quantity: 13 Ton

Bits: No. Used: 3 Size: 1-17 1/2" 1-15" 1-9 7/8"

Drilling Method: Air: Foam: Mud: xx

Material Used: Gel.: 26-50# Bags (Supplied By Owner) Foam:

Well Started: 4/10/84 Well Completed: 4/13/84 Driller: Clarence

TEST PUMPING INFORMATION:

Production Test:

Standing Water Level:

Pumping Level:

G.P.M.:

Pumping Level

REMARKS:



JUL 31 1973

STATE OF CALIFORNIA THE RESOURCES AGENCY

Do Not Fill In

ORIGINAL File with DWR

DEPARTMENT OF WATER RESOURCES WATER WELL DRILLERS REPORT

No. 77848 State Well No. 9N/37W Other Well No.

(1) OWNER:

Name Rosario Curletti Address 1715 Garden Street Santa Barbara, Calif.

(2) LOCATION OF WELL:

County Santa Barbara Owner's number, if any 3 Township, Range, and Section 8/10 mile W. of Black Rd. on Distance from cities, roads, railroads, etc. Hwy. 1, XX 5/10 mile N. of Hwy. 1 9N 34W 10

(3) TYPE OF WORK (check):

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

(4) PROPOSED USE (check):

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

(5) EQUIPMENT:

Rotary [X] Cable [ ] Other [ ]

(6) CASING INSTALLED:

Table with columns: STEEL: SINGLE [X] DOUBLE [ ], OTHER: [ ], If gravel packed, From ft., To ft., Diam., Gage or Wall, Diameter of Bore, From ft., To ft. Row 1: 0, 476, 26", 250, 28", 24", 0, 476

Type of shoe or well rings: Describe joint butt welded Size of gravel:

(7) PERFORATIONS OR SCREEN:

Table with columns: From ft., To ft., Perf. per row, Rows per ft., Size in. x in. Row 1: 470, 450, 185 ft to 115 ft, 14 rows of 125 mesh

(8) CONSTRUCTION:

Was a surface sanitary seal provided? Yes [X] No [ ] To what depth 48 ft. Were any strata sealed against pollution? Yes [ ] No [X] If yes, note depth of strata

(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 65 ft.

(10) WELL TESTS:

Was pump test made? Yes [ ] No [ ] If yes, by whom Floyd Wells Yield: 1700 gal./min. with 162 ft. drawdown after 4 hrs. Temperature of water Was a chemical analysis made? Yes [ ] No [X] Electric log made of well? Yes [ ] No [ ] If yes, attach copy

(11) WELL LOG:

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

SEE ATTACHED LOG

CONFIDENTIAL - NOT FOR PUBLIC RELEASE

Work started 12-22-72 Completed 1-3-73 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 Floyd V. Wells, Inc. (Person, firm, or corporation) (Typed or printed) Address P. O Box 1007 Santa Maria, California 93454 [SIGNED] (Well Driller) License No. C57-229570 Dated July 16, 1973 19

SKETCH LOCATION OF WELL ON REVER

OVER

URS # 012

# FLOYD V. WELLS, INC.

116 North Blosser Road • Phone WAInut 5-8626  
 SANTA MARIA, CALIFORNIA 93454

77848

Licensed  
 Drilling  
 Contractors

Mailing Address:  
 Post Office Box 1007  
 Santa Maria, California

Goleta Office:  
 5798 Dawson Ave.  
 Phone 967-4124  
 Santa Maria  
 Phone ZEnith 2-7726

Log of well drilled for : Rosario Curletti  
 Well number : #3, Rotary  
 Location : 8/10 mile west of Black Road on Hwy. #1,  
 5/10 mile north of Hwy. #1  
 Well bore : 28", 24"  
 Surface-Pipe : 48 ft. of 26" x .250 wall pipe  
 Casing : 476 ft. of 14" O.D. x .281 wall pipe  
 Perforations : 470 to 450 ft., 420 to 375 ft., 355 to 290 ft.,  
 250 to 220 ft., 185 to 115 ft., 14 rows of 125 mesh  
 Well completed : 3 January 1973

Formation	From	to	feet	Description
	0	1		Top soil
	1	25		Fine and coarse sand
	25	35		Dark brown clay and rock
	30	37		Light brown sandy clay and gravel
	37	46		Sand orange clay
	56	60		Sandy brown clay and gravel
	60	70		Coarse sand and gravel
	70	76		Coarse and fine sand with gravel
	76	90		Fine brown sand
	90	100		Brown sandy clay
	100	110		Yellow and orange sandy clay
	110	117		Brown sand clay
	117	151		Fine and coarse brown sand
	151	155		Sandy brown clay with gravel
	155	160		Coarse sand and gravel
	160	185		Brown sand and clay with some gravel
	185	211		Dark brown clay
	211	220		Brown sandy clay
	220	250		Coarse sand and gravel
	250	291		Brown clay with strips of gray clay
	291	309		Coarse sand and gravel

- continued -

Log of well drilled for : Rosario Curletti

77848

Formation

From	309	to	313	feet	
"	313	"	320	"	Brown sandy clay and gravel
"	320	"	328	"	Brown sandy clay
"	328	"	339	"	Coarse and fine sand
"	339	"	356	"	Sandy brown clay and sand
"	356	"	360	"	Coarse sand and gravel
"	360	"	380	"	Brown sandy clay
"	380	"	385	"	Dark gray clay
"	385	"	405	"	Sandy brown clay and sand
"	405	"	414	"	Coarse sand and gravel
"	414	"	424	"	Brown sandy clay with sand and gravel strips
"	424	"	434	"	Brown sandy clay and sand
"	434	"	448	"	Brown sandy clay with dark gray clay
"	448	"	474	"	Brown and yellow sandy clay
"	474	"	476	"	Coarse brown sand and gravel
					Brown sandy clay

# WELL COMPLETION REPORT

Refer to Instruction Pamphlet

Page 1 of 1

Owner's Well No. Rancho Casmalia No. 792431

Date Work Began 11-12-02 Ended \_\_\_\_\_

Local Permit Agency Santa Barbara County Environmental Health

Permit No. 1704431 Permit Date 10-31-02

STATE WELL NO./STATION NO.	
LATITUDE	LONGITUDE
APN/TRS/OTHER	

## GEOLOGIC LOG

ORIENTATION ( )  VERTICAL  HORIZONTAL  ANGLE \_\_\_\_\_ (SPECIFY)

DRILLING METHOD \_\_\_\_\_ FLUID \_\_\_\_\_

DEPTH FROM SURFACE		DESCRIPTION
Fl.	to Fl.	
0'	15'	Gravel, Coarse Sand, Brown Clay
15'	19'	Gravel, Coarse Sand, Brown Sand
19'	23'	Gravel, Coarse Sand, Brown Clay
23'	29'	Coarse Sand, Brown Sand, Med Gravel
29'	58'	Med Gravel, Coarse Sand, Gray Clay streaks
58'	65'	Black Clay

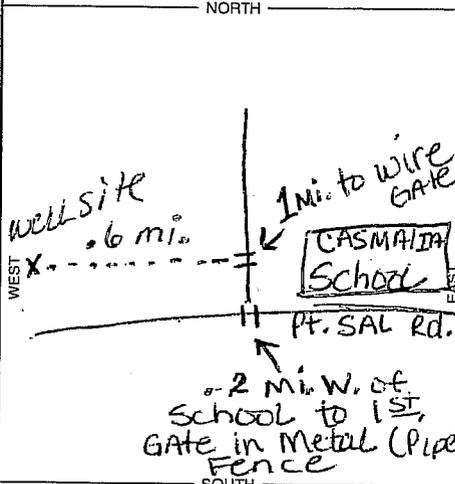
## WELL OWNER

Name Roy Bognuda  
 Mailing Address 680 Camino Caballo  
Nipomo CA 93444  
 CITY STATE ZIP

## WELL LOCATION

Address Rancho Casmalia, off Pt. Sal Rd.  
 City Casmalia - 2 miles west of School  
 County Santa Barbara, CA  
 APN Book \_\_\_\_\_ Page \_\_\_\_\_ Parcel 113-260-018  
 Township 9N Range 35W Section 24  
 Latitude \_\_\_\_\_ NORTH Longitude \_\_\_\_\_ WEST  
 DEG. MIN. SEC. DEG. MIN. SEC.

## LOCATION SKETCH



## ACTIVITY ( )

- NEW WELL
- MODIFICATION/REPAIR
  - Deepen
  - Other (Specify) \_\_\_\_\_
- DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")
- PLANNED USES ( )
  - WATER SUPPLY
    - Domestic  Public
    - Irrigation  Industrial
  - MONITORING
    - TEST WELL
    - CATHODIC PROTECTION
    - HEAT EXCHANGE
    - DIRECT PUSH
    - INJECTION
    - VAPOR EXTRACTION
    - SPARGING
    - REMEDIATION
    - OTHER (SPECIFY) \_\_\_\_\_

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

## WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 14 (Fl.) BELOW SURFACE  
 DEPTH OF STATIC WATER LEVEL 15 (Fl.) & DATE MEASURED 11/24/02  
 ESTIMATED YIELD 5 (GPM) & TEST TYPE Silt  
 TEST LENGTH 14 (Hrs.) TOTAL DRAWDOWN 45 (Fl.)  
 \* May not be representative of a well's long-term yield.

TOTAL DEPTH OF BORING 55 (Feet)  
 TOTAL DEPTH OF COMPLETED WELL 55 (Feet)

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING (S)						DEPTH FROM SURFACE	ANNULAR MATERIAL							
		TYPE ( )				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)		GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE					
Fl.	to Fl.	BLANK	SCREEN	CON. DUCTOR	FILL PIPE									Fl.	to Fl.	CE-MENT ( )
0	15	16"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			8"	220		0	10'	<input checked="" type="checkbox"/>				
15	55	16"	<input checked="" type="checkbox"/>				8"	220	050	10'	55'			<input checked="" type="checkbox"/>	3/8" gravel	

## ATTACHMENTS ( )

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

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

## CERTIFICATION STATEMENT

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

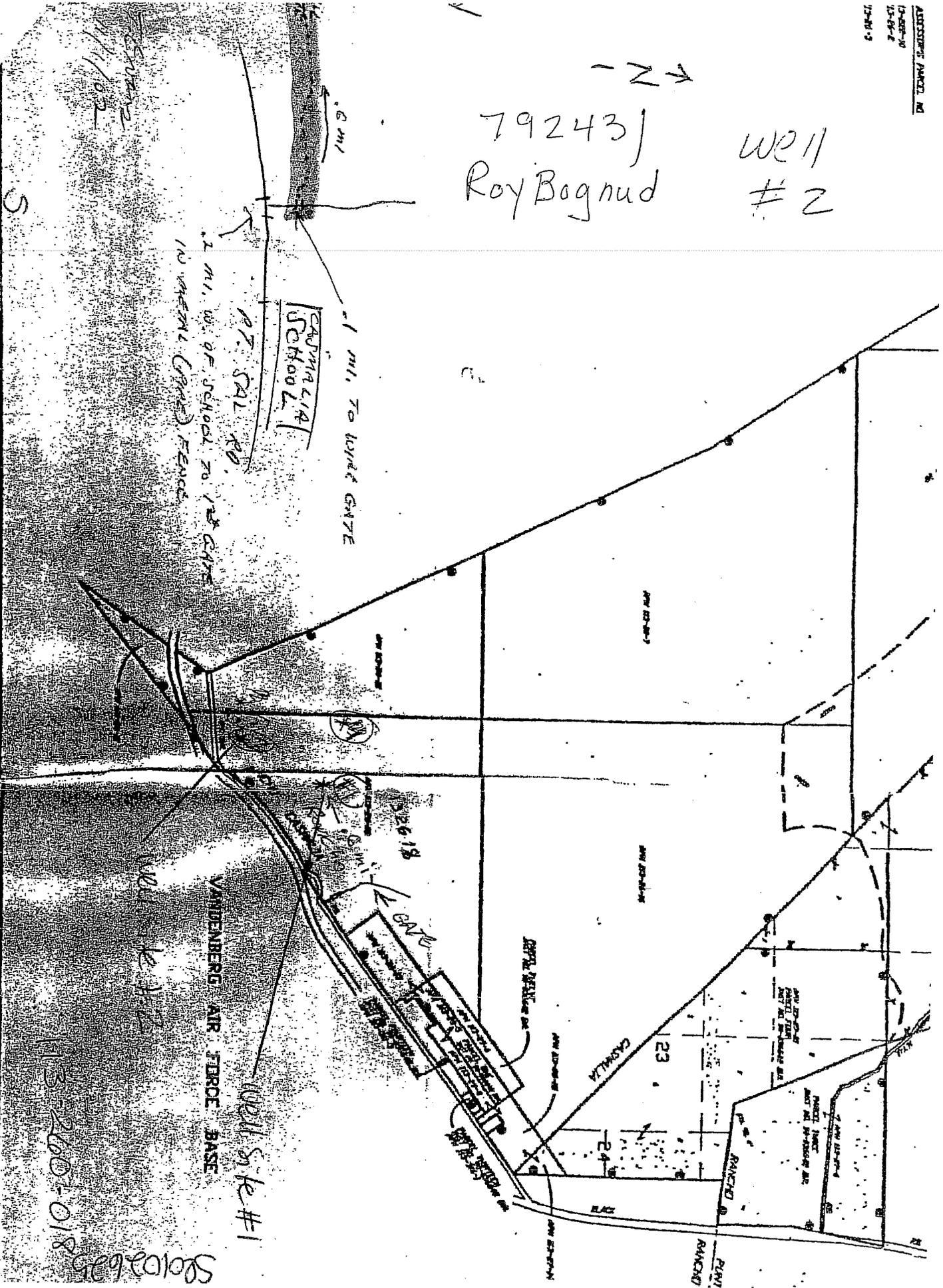
NAME Jennifer Bender  
 (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)  
 ADDRESS 1226 W. FURUKAWA 11th St Santa Maria CA  
 Signed Jennifer Bender  
 WELL DRILLER/AUTHORIZED REPRESENTATIVE

URS # 013

M & W PUMP

79243)  
Roy Bognud

Well  
#2



11/1/02  
SUNNY

S

Well #2  
S 2600-018  
S 0102625

Well # 2

Permit No. 102625

Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 11/12/02

Name of Well Owner Roy Bogovich  
Mailing Address 680 Camino Ceballos Nimrod Cal 92444 680 2674  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check) Rancho Casmalia  
Assessor's Parcel No. 113-260-019 Street Address Off Point Sal Rd, Casmalia  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section to 1st metal fence Rancho  
Name of Well Driller Saka Bender driveaway on rite side. Reserve  
Company Name McDonald & Bender Drilling 71-AP-109  
Business Address 1226 W FOUKAYLA way # A S.M CA Date of Work \_\_\_\_\_  
Contractor's License No. C57752802 Start 11/12/02 Finish 11/13/02

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 40 ft. 55' Casing Information  
Well Bore Diam 16 in.  
Type: Steel  PVC  Other   
Sealing Material (Check) Wall/Gage 220 in.  
Neat Cement  Clay  Diameter 8 in.  
Cement Grout  Concrete  Annular Seal Depth 20 ft. 10 1/2'

Additional Work Description:

For Department Use Only  
Application Disposition:  
Approved   
Denied   
Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.  
Signed [Signature] Applicant 11/12/02

Fee paid on 10/31/02 Kathy Curdie Name  
Receipt No. 1704431 CA# 1039 11/12/02 Date  
Paid By: McDonald & Bender Drilling  
S.B.  Sol.   
S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. HEALTH OFFICER SHALL BE NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES ONE YEAR FROM DATE ISSUED.

← N

Well #2

11/1/02

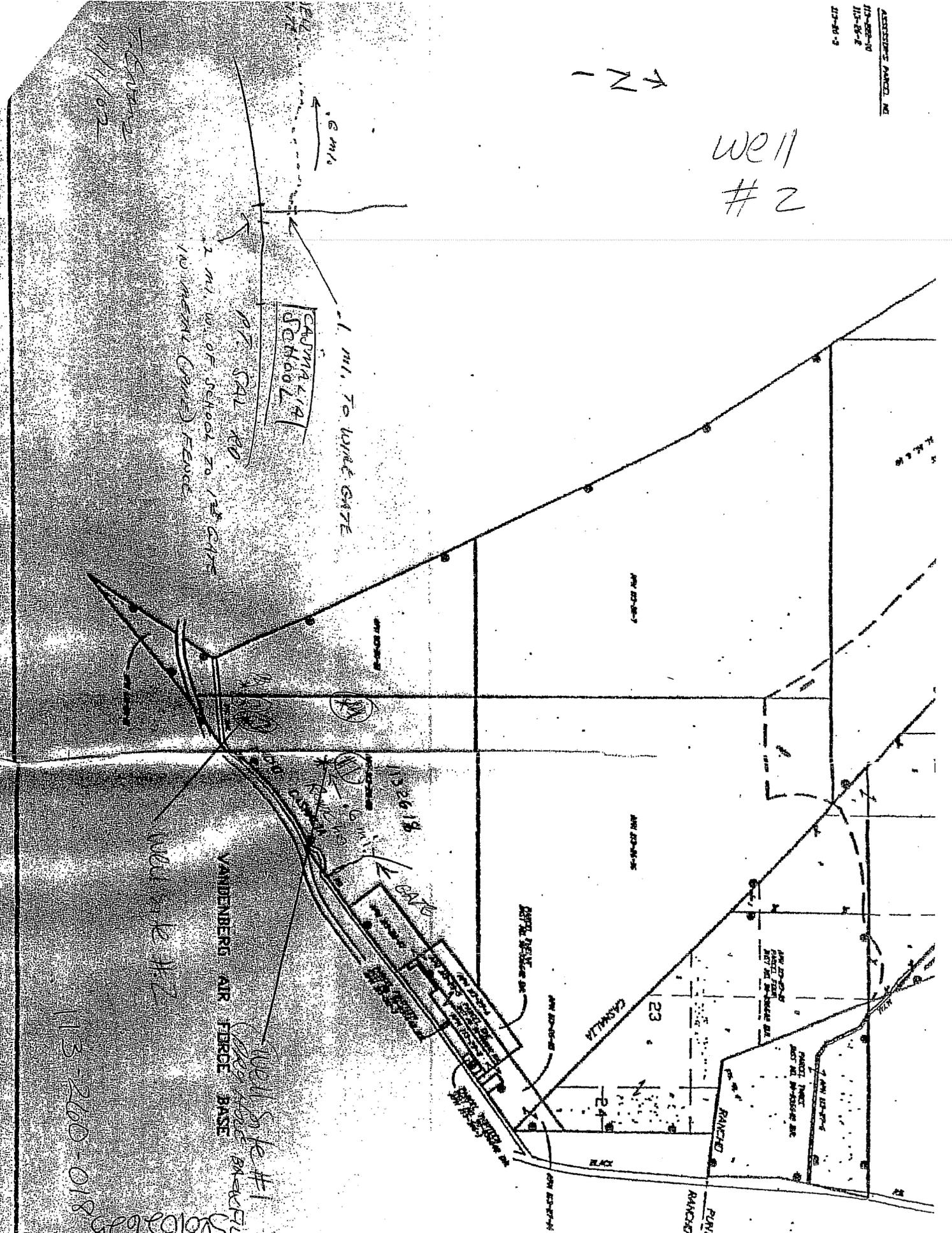
1 mi. TO WIND GATE  
CAMPANA 412  
1 mi. W. OF SCHOOL TO 1<sup>st</sup> GATE  
100 METAL (PINE) FENCE  
AT SAL RD.

NEW STATE HWY  
VANDENBERG AIR FORCE BASE

Well Site #1

113-260-018

50102669



ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 11/12/02  
Site Investigation By Kathy Cardie Date 11/12/02

Findings: (Check applicable boxes and give clearance)

- |   |   |
|---|---|
| <input type="checkbox"/> Overhead Power Lines _____ | <input type="checkbox"/> Animal Enclosure _____           |
| <input type="checkbox"/> Sewer Lines _____          | <input type="checkbox"/> Creek or Watercourse _____       |
| <input type="checkbox"/> Leach Field _____          | <input type="checkbox"/> Petroleum Tank or Pipeline _____ |
| <input type="checkbox"/> Cesspool/Drywell _____     | <input type="checkbox"/> Other _____                      |

Site check - OK

Application Reviewed and Approved: By Kathy Cardie Date 11/12/02

Work Investigation Record

Date 11/13/02 Well Site #: #2

Casing Information

Type: Steel  PVC  Other

Borehole

Class/Gage/NSF: SDR21 \* Annular Seal Depth: 10 1/2'

ASTM#: \_\_\_\_\_ Well Bore Diameter: 16"

Diameter: 8" Total Depth: 55' Sealing Material: Six Sack

Casing Schedule

Amount: 21 yd

<u>0'</u>	-	<u>15'</u>	=	<u>blank</u>
<u>15'</u>	-	<u>55'</u>	=	<u>screen</u>
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____

Method of Pour: Pump

Use of Tremie: UPS

Driller(s): McDonald & Bender

Drilling

Comments: Cap on site AT LEAST 10' \* 10 1/2' SEAL APPROVED AS GROUND WATER

Final Inspection and Approval/Denial: By Kathy Cardie Date 11/13/02

Notice of Work Acceptance/Rejection Sent to Well owner On 11/14/02

11/15/02

Well #1 Dry

Permit No. SR0102625  
Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 10/31/02

Name of Well Owner Roy Bognuda  
Mailing Address 680 Camino Caballo, Nipomo, CA. 93444 Cell # 680-3624  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check) RANCHO CASMALIA  
Assessor's Parcel No. 113-260-018 Street Address off Pt. Sal Rd., CASMALIA  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho Preserve  
Name of Well Driller Jake Bender 71-AP-109  
Company Name McDonald & Bender Drilling, Inc.  
Business Address 1226 W. Furukawa Way #A Date of Work \_\_\_\_\_  
Contractor's License No. C57752893 Start 11/1/02 Finish 1/1/02

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 200 ft. Casing Information  
Well Bore Diam 9 7/8 in. 16 inch <sup>in</sup>  
Type: Steel  PVC  Other   
Sealing Material (Check) Wall/Gage 220 in.  
Neat Cement  Clay  Diameter 8 in.  
Cement Grout  Concrete  Annular Seal Depth 20 ft.

Additional Work Description:

For Department Use Only  
Application Disposition:  
Approved   
Denied   
Comments CALL FOR  
WITNESSING OF ANNULAR SEAL; KEEP

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

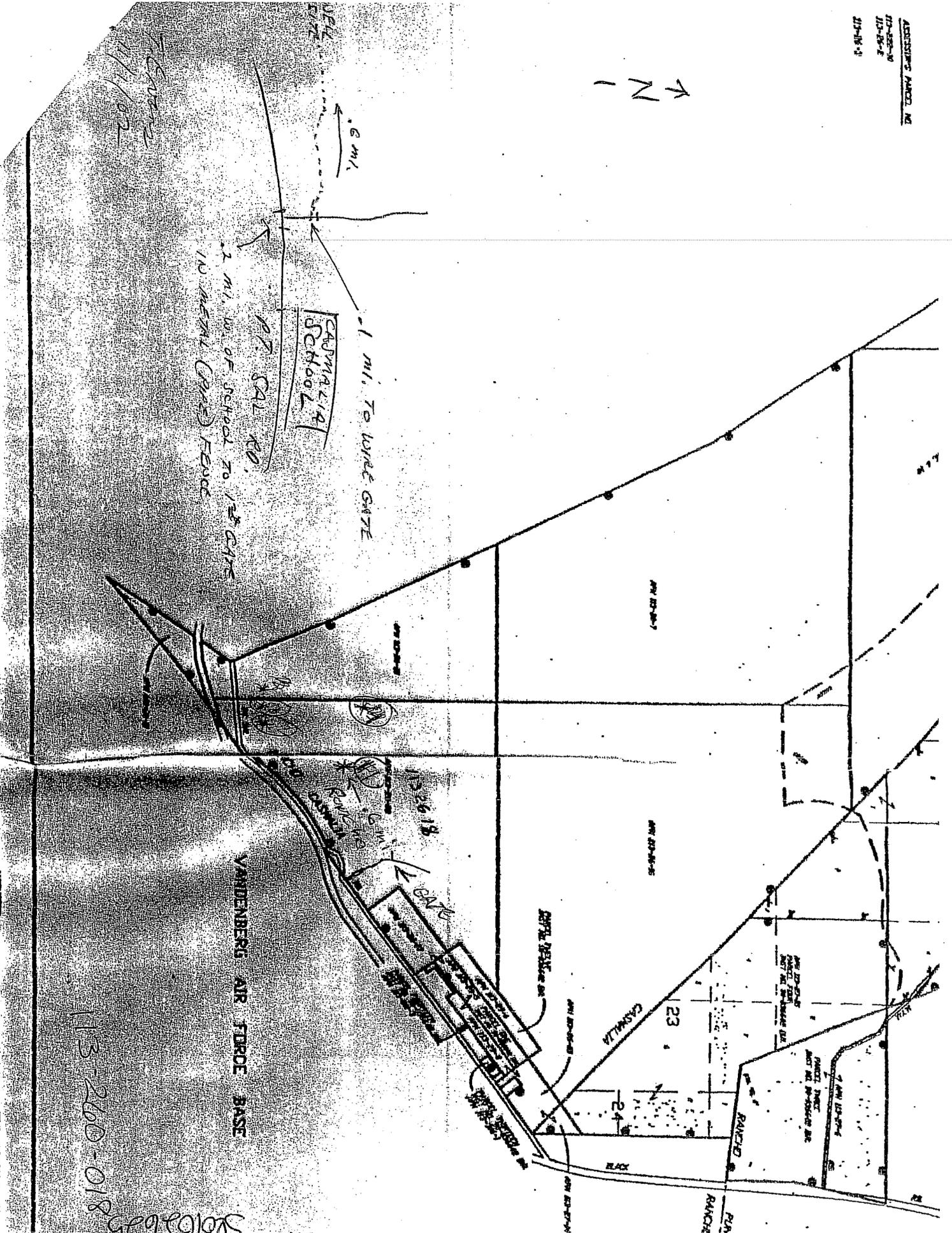
Signed Thomas Melnick Applicant 10/31/02  
OUT OF CREEK BED

\$ 328.00 Fee paid on 10/31/02 Name Thomas Evans S.B. [ ] Sol. [ ]  
Receipt No. 1704431 OK#1039 11-1-02 S.M. [ ] Com [ ]  
Paid By: McDonald & Bender Drilling Date

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. HEALTH OFFICER SHALL BE NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES ONE YEAR FROM DATE ISSUED.

↑ N ↓

REVISION  
1/1/52



1 MI. TO WYLET GATE  
CASWELLIA SCHOOL  
PT. GAL. RD.  
2 MI. W. OF SCHOOL TO 1ST GATE  
10 METAL GATES FENCE

VAN DERBERG AIR FORCE BASE

23

CASWELLIA

BLACK

RANCH

PLANT  
RANCH

APPLE ORCHARD

GATE

13-260-018

50102669

STATE OF CALIFORNIA  
**WELL COMPLETION REPORT**  
Refer to Instruction Pamphlet

DWR USE ONLY - DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRS/OTHER

Owner's Well No. \_\_\_\_\_ No. **706518**  
Date Work Began **2-4-99**, Ended **2-6-99**  
Local Permit Agency **Santa Barbara County**  
Permit No. \_\_\_\_\_ Permit Date \_\_\_\_\_

**GEOLOGIC LOG**

ORIENTATION ( )  VERTICAL \_\_\_\_\_ HORIZONTAL \_\_\_\_\_ ANGLE \_\_\_\_\_ (SPECIFY)

DEPTH FROM SURFACE  
FL. to FL.

DRILLING METHOD \_\_\_\_\_ FLUID \_\_\_\_\_

DESCRIPTION  
Describe material, grain size, color, etc.

0	2	Top Soil
2	13	Sticky Clay
13	15	Sand
15	25	Clay
25	29	Sand
29	36	Clay
36	43	Coarse Sand
43	49	Gravel & Sand
49	57	Clay
57	61	Sand & Clay
61	70	Clay
70	92	Gravel
92	122	Rocks & Gravel
122	143	Clay & Sand
143	168	Coarse Sand
168	178	Clay
178	194	Sand
194	226	Blue Clay & Sand Stringer
226	231	Sand & Clay
231	243	Clay
243	290	Sand
290	296	Rock, Hard Spot
296	317	Clay
317	322	Sand
322	368	Clay & Sand Stringers
368	376	Sand 368
376	394	Clay & Sand Stringers
394	423	Clay

continued on page two

TOTAL DEPTH OF BORING **620** (Feet)  
TOTAL DEPTH OF COMPLETED WELL \_\_\_\_\_ (Feet)

**WELL OWNER**  
Name: **Bonipak Milo Farini**  
Mailing Address: **P.O. Box 5079 Santa Maria, CA 93456-5079**  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

**WELL LOCATION**  
Address: **1 Mile North of Ray Rd., 1 Mile South of Bitteravia**  
City: **Bitteravia**  
County: **Santa Barbara**  
APN Book **113** Page **200** Parcel **11**  
Township **10N** Range **35W** Section **28**  
Latitude \_\_\_\_\_ NORTH \_\_\_\_\_ WEST \_\_\_\_\_  
DEG. MIN. SEC. Longitude \_\_\_\_\_ DEG. MIN. SEC.

**LOCATION SKETCH**

**ACTIVITY ( )**  
 NEW WELL  
 MODIFICATION/REPAIR  
 Deepen  
 Other (Specify) \_\_\_\_\_

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

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

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

**WATER LEVEL & YIELD OF COMPLETED WELL**

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

DEPTH FROM SURFACE FL. to FL.	BORE-HOLE DIA. (Inches)	CASING (S)							
		TYPE ( )				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
FL.	to	FL.	BLANK	SCREEN	CON-DUCTOR				
0	620	5 1/8"							

DEPTH FROM SURFACE FL. to FL.	ANNULAR MATERIAL					
	TYPE					
FL.	to	FL.	CE-MENT ( )	BEN-TONITE ( )	FILL ( )	FILTER PACK (TYPE/SIZE)

- ATTACHMENTS ( )**
- \_\_\_\_ Geologic Log
  - \_\_\_\_ Well Construction Diagram
  - Geophysical Log(s)
  - \_\_\_\_ Soil/Water Chemical Analyses
  - \_\_\_\_ Other \_\_\_\_\_
- ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

**CERTIFICATION STATEMENT**

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

NAME **Myers Bros. Well Drilling, Inc.** TR 2  
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS **8650 E. Lacey Blvd. Hanford, CA 93230-4844**  
CITY STATE ZIP

Signed **Carla Farrell**  
WELL DRILLER/AUTHORIZED REPRESENTATIVE

URS # 014

STATE OF CALIFORNIA  
**WELL COMPLETION REPORT**  
Refer to Instruction Pamphlet

706518

Page 1 of 2

Owner's Well No. \_\_\_\_\_

No. **706519**

Date Work Began **2-4-99**, Ended **2-6-99**

Local Permit Agency **Santa Barbara County**

Permit No. \_\_\_\_\_ Permit Date \_\_\_\_\_

DWR USE ONLY - DO NOT FILL IN

STATE WELL NO./STATION NO.			
LATITUDE		LONGITUDE	
APN/TRS/OTHER			

**GEOLOGIC LOG**

ORIENTATION ( )  VERTICAL,  HORIZONTAL,  ANGLE \_\_\_\_\_ (SPECIFY)

DEPTH FROM SURFACE \_\_\_\_\_  
FL. to FL. \_\_\_\_\_  
DRILLING METHOD \_\_\_\_\_ FLUID \_\_\_\_\_  
DESCRIPTION \_\_\_\_\_  
Describe material, grain size, color, etc.

423	437	Sand
437	454	Coarse Sand
454	457	Clay Stringers
457	465	Sand
465	476	Clay
476	483	Sand & Gravel
483	491	Clay
491	527	Sand
527	535	Clay
535	589	Clay & Sand Stringers
589	614	Sand
614	620	Clay & Sand

**WELL OWNER**

Name **Bonipak**  
Mailing Address **P.O. Box 5079**  
**Santa Maria, CA 93456-5079**  
CITY STATE ZIP

**WELL LOCATION**

Address \_\_\_\_\_  
City \_\_\_\_\_  
County \_\_\_\_\_  
APN Book \_\_\_\_\_ Page \_\_\_\_\_ Parcel \_\_\_\_\_  
Township **TON** Range **35W** Section **28**  
Latitude \_\_\_\_\_ NORTH Longitude \_\_\_\_\_ WEST

**LOCATION SKETCH** NORTH SOUTH WEST EAST

**ACTIVITY ( )**  
 NEW WELL  
 MODIFICATION/REPAIR  
 Deepen  
 Other (Specify) \_\_\_\_\_  
 DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")  
**PLANNED USES ( )**  
 WATER SUPPLY  
 Domestic  Public  
 Irrigation  Industrial  
 MONITORING \_\_\_\_\_  
 TEST WELL \_\_\_\_\_  
 CATHODIC PROTECTION \_\_\_\_\_  
 HEAT EXCHANGE \_\_\_\_\_  
 DIRECT FUSH \_\_\_\_\_  
 INJECTION \_\_\_\_\_  
 VAPOR EXTRACTION \_\_\_\_\_  
 SPARGING \_\_\_\_\_  
 REMEDIATION \_\_\_\_\_  
 OTHER (SPECIFY) \_\_\_\_\_

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

**WATER LEVEL & YIELD OF COMPLETED WELL**

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

TOTAL DEPTH OF BORING \_\_\_\_\_ (Feet)

TOTAL DEPTH OF COMPLETED WELL \_\_\_\_\_ (Feet)

DEPTH FROM SURFACE Fl. to Fl.	BORE-HOLE DIA. (Inches)	CASING (S)					DEPTH FROM SURFACE Fl. to Fl.	ANNULAR MATERIAL TYPE			
		TYPE ( )	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)		CE-MENT ( )	BEN-TONITE ( )	FILL ( )	FILTER PACK (TYPE/SIZE)

**ATTACHMENTS ( )**

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

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

**CERTIFICATION STATEMENT**

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

NAME **Myers Bros. Well Drilling, Inc..**  
 (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)  
**8650 E. Lacey Blvd. Hanford, CA 93230-4844**  
 ADDRESS CITY STATE ZIP  
 Signed \_\_\_\_\_ DATE SIGNED **2-12-99** 548214  
 WELL DRILLER/AUTHORIZED REPRESENTATIVE C-57 LICENSE NUMBER

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 11/3/82

Name of Well Owner KENNETH HUNTER, JR. (CASMALIA RESOURCES)  
Mailing Address P.O. Box 5275 SANTA BARBARA 93108 9694703  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)  
Assessor's Parcel No. 113-260-06 Street Address NTU ROAD  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller OWNER  
Company Name CASMALIA RESOURCES  
Business Address PO Box Date of Work  
Contractor's License No. \_\_\_\_\_ Start 11/10/82 Finish 1/1

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input checked="" type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 32 ft. Casing Information  
Well Bore Diam \_\_\_\_\_ in. Type: Steel  PVC  Other  Concrete pipe  
Sealing Material (Check) Wall/Gage \_\_\_\_\_ in.  
Heat Cement  Clay  Diameter 24 in.  
Cement Grout  Concrete  Annular Seal Depth \_\_\_\_\_ ft.  
(20')

Additional Work Description: Remove casing 6 ft, replace with clay

For Department Use Only  
Application Disposition:  
Approved   
Denied   
Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Norman H. Caldwell 11/3/82  
Applicant Date

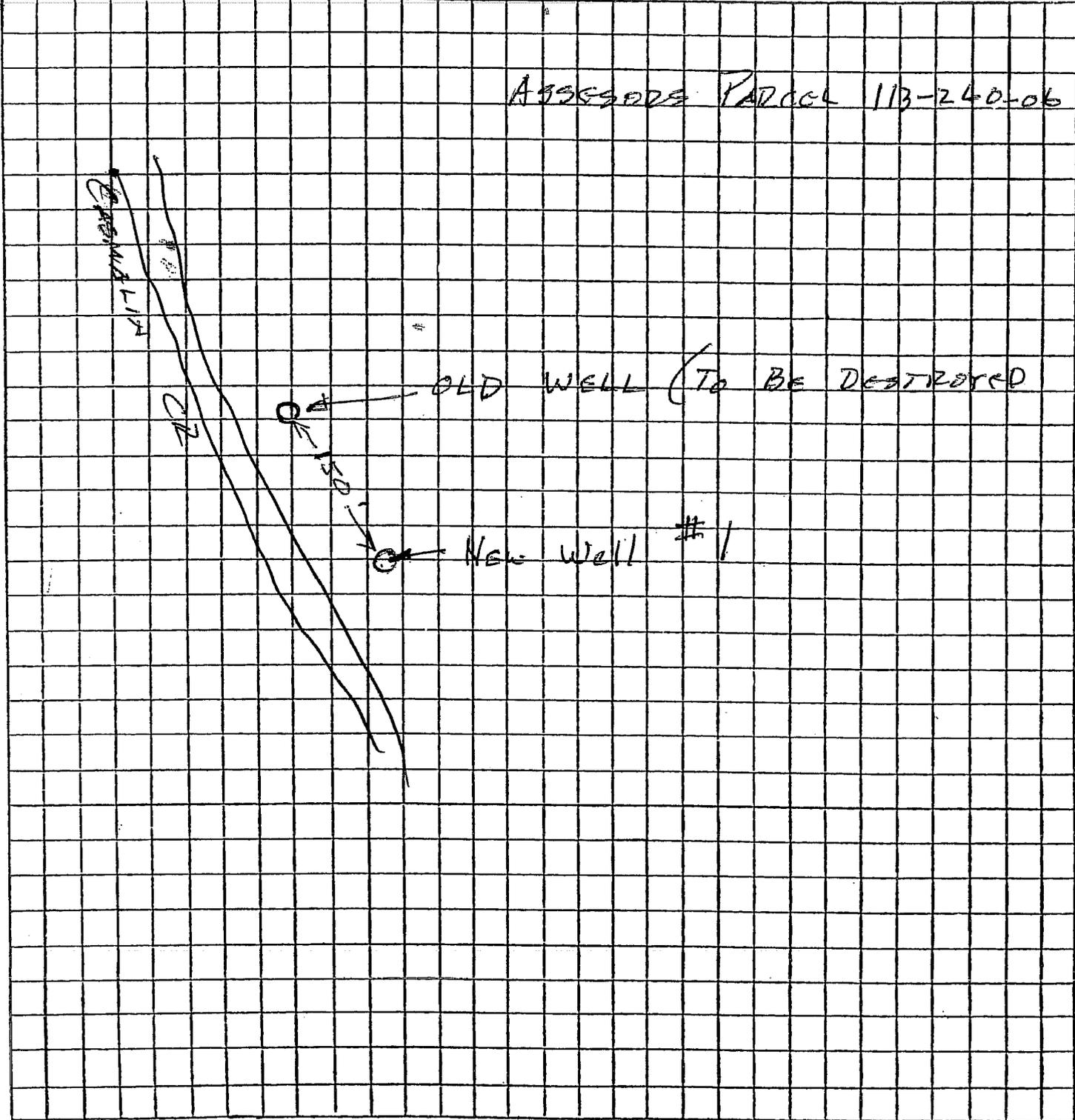
Fee paid on 1/1  
Receipt No. \_\_\_\_\_  
Name Burda J. King S.B.  Sol   
Date November 17, 1982 S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES

URS # 015

WELL PERMIT APPLICATION  
Plot Plan  
Scale: 1/4" = 20'

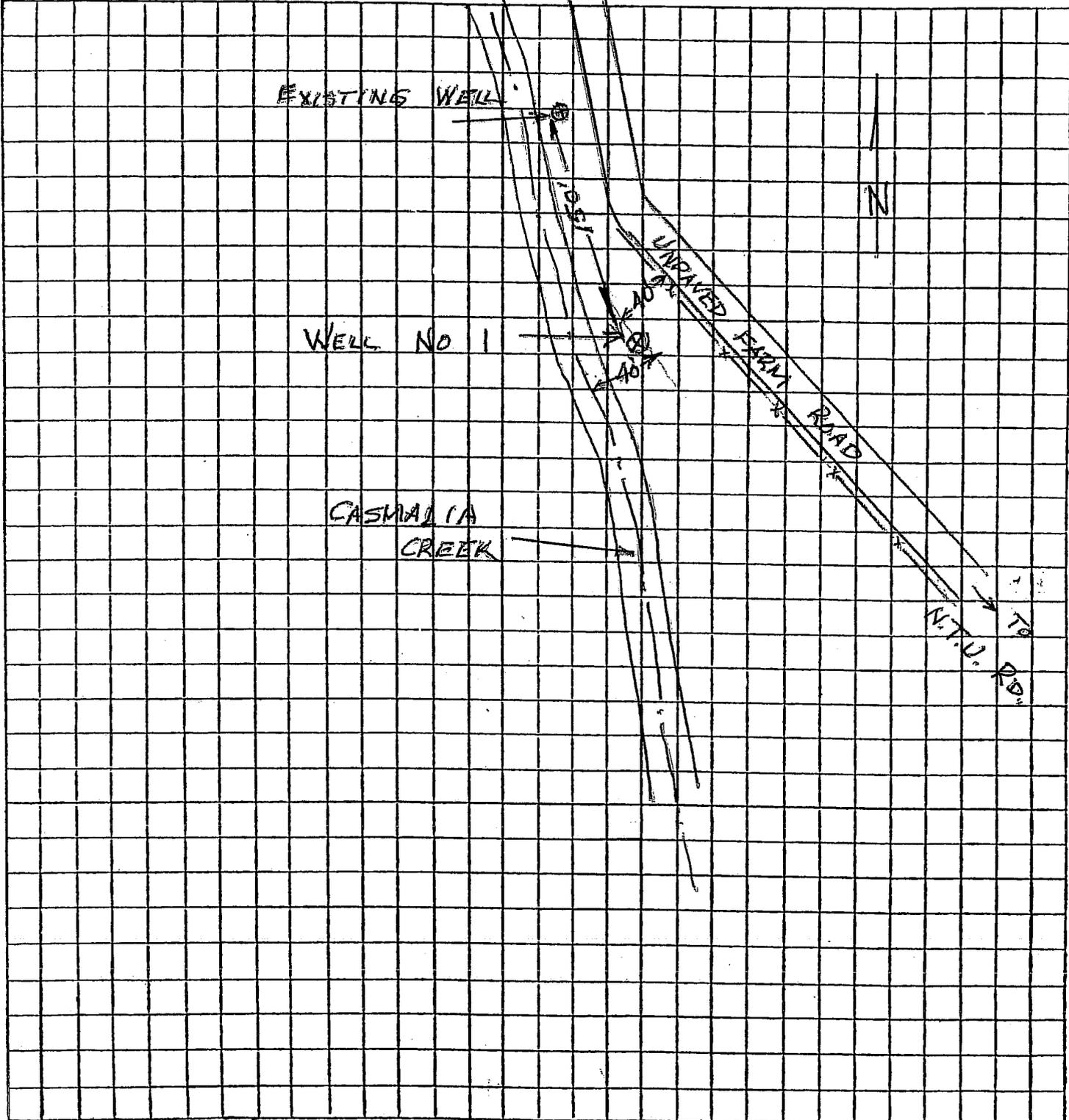
Indicate below the exact location of the well with respect to the following items within 200' of the well: Property lines, sewers and private sewage systems, water bodies on watercourses; drainage pattern, existing wells, access roads, well site elevation. Include dimensions.

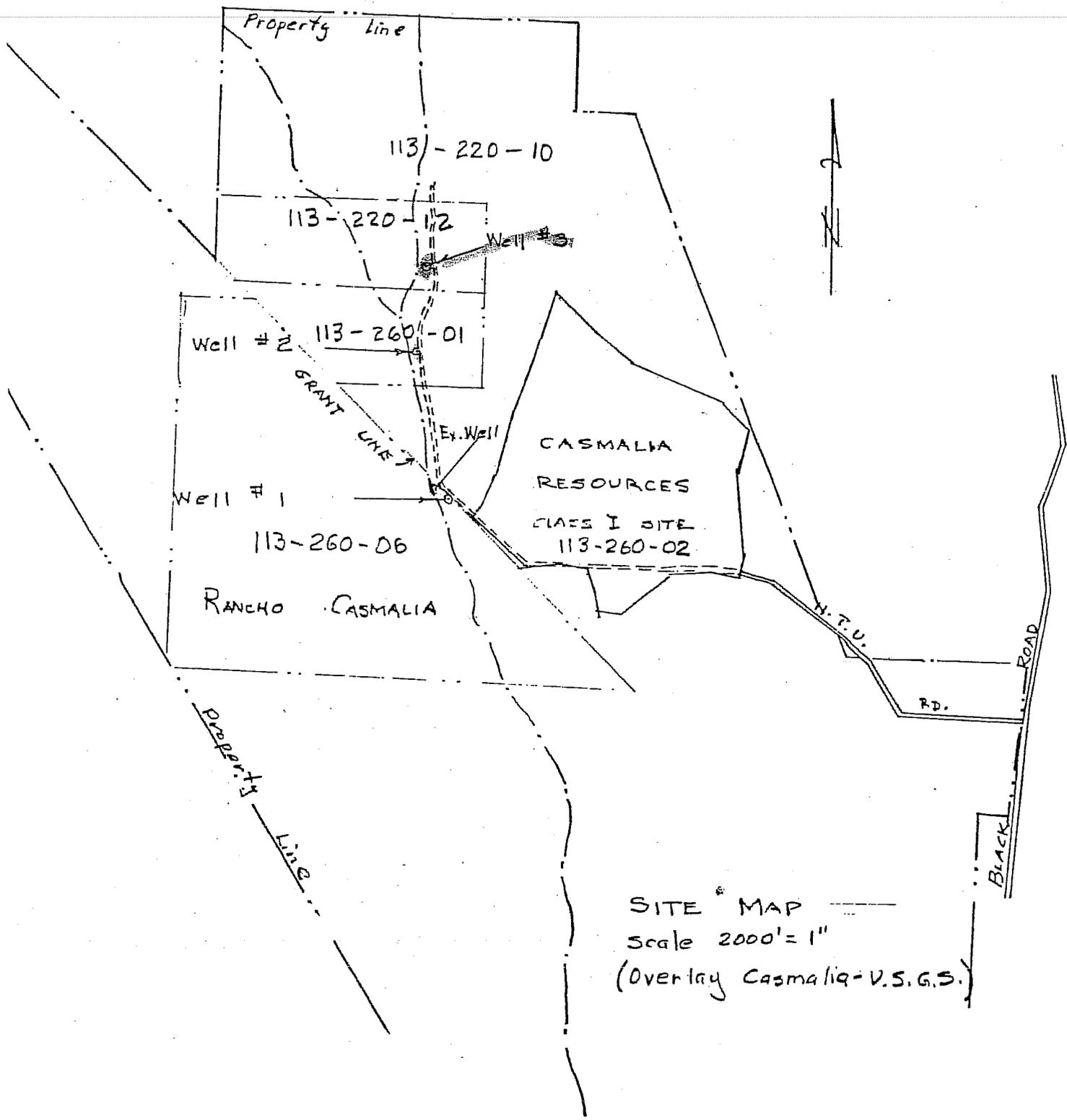




WELL PERMIT APPLICATION  
Plot Plan  
Scale: 1/4" = 20'

Indicate below the exact location of the well with respect to the following items within 200' of the well: Property lines, sewers and private sewage systems, water bodies on watercourses, drainage pattern, existing wells, access roads, well site elevation. Include dimensions.





SITE MAP  
 Scale 2000' = 1"  
 (Overlay Casmalia-V.S.G.S.)

ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 9/6/01

Site Investigation By N.A. Date 1/1/1

Findings: (Check applicable boxes and give clearance)

- Overhead Power Lines N.A.
- Sewer Lines \_\_\_\_\_
- Leach Field \_\_\_\_\_
- Cesspool/Drywell \_\_\_\_\_
- Animal Enclosure N.A.
- Creek or Watercourse \_\_\_\_\_
- Petroleum Tank or Pipeline \_\_\_\_\_
- Other \_\_\_\_\_

Application Reviewed and Approved: By J. Hamlin Date 9/6/01

Work Investigation Record \* WELL DESTRUCTION

Date 11/8/01

Well Site #: 1

Casing Information

Type: Steel  PVC  Other

Borehole

Total Depth of Well: 129'

Class/Gage/NSF: \_\_\_\_\_

Annular Seal Depth: UNKNOWN

ASTM#: \_\_\_\_\_

Well Bore Diameter: UNKNOWN

Diameter: 14" Total Depth: 129'

\* WELL DESTRUCTION  
Sealing Material: CEMENT

Casing Schedule

Amount: 1-2 YARDS

0'		=	<u>N.A.</u>
_____		=	_____
_____		=	_____
_____		=	_____
_____		=	_____
_____		=	_____
_____		=	_____
_____		=	_____
_____		=	_____

Method of Pour: PUMP

Use of Tremie: YES

Driller(s): ALEXANDEL BROS. INC.

\* WELL DESTRUCTION

Comments: WELL CASING CUT-OFF 8' BELOW GRADE, FROM CUT-OFF TO 31' BELOW CUT-OFF FILLED WITH CONCRETE, FROM 31' TO WELL BOTTOM FILLED WITH GRAVEL.

Final Inspection and Approval/Denial: By J. Hamlin Date 11/8/01

Notice of Work Acceptance/Rejection Sent to Well owner On 11/8/01

\$ 435. - (Destruction)

520/02221  
Permit No. ~~520/02221~~  
Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 9/5/01

Name of Well Owner UNOCAL CORPORATION / CASMITE CORPORATION  
Mailing Address P.O. BOX 1069 SAN LUIS OBISPO, CA 93406 805-547-5440  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-240-07 Street Address BLACK RD. NEAR STATE HIGHWAY 1

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller ROBERT ALEXANDER

Company Name ALEXANDER BROS., INC.

Business Address 200 LA SALLE CANYON RD., LOMPOC, CA 93436 Date of Work BETWEEN

Contractor's License No. 602322 Start 9/17/01 Finish 10/1/01

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input checked="" type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 129 ft. Casing Information

Well Bore Diam 14 in. Type: Steel  PVC  Other

Sealing Material (Check) Wall/Gage 1/4" in.  
Neat Cement  Clay  Diameter 14 in.  
Cement Grout  Concrete  Annular Seal Depth \_\_\_\_\_ ft.

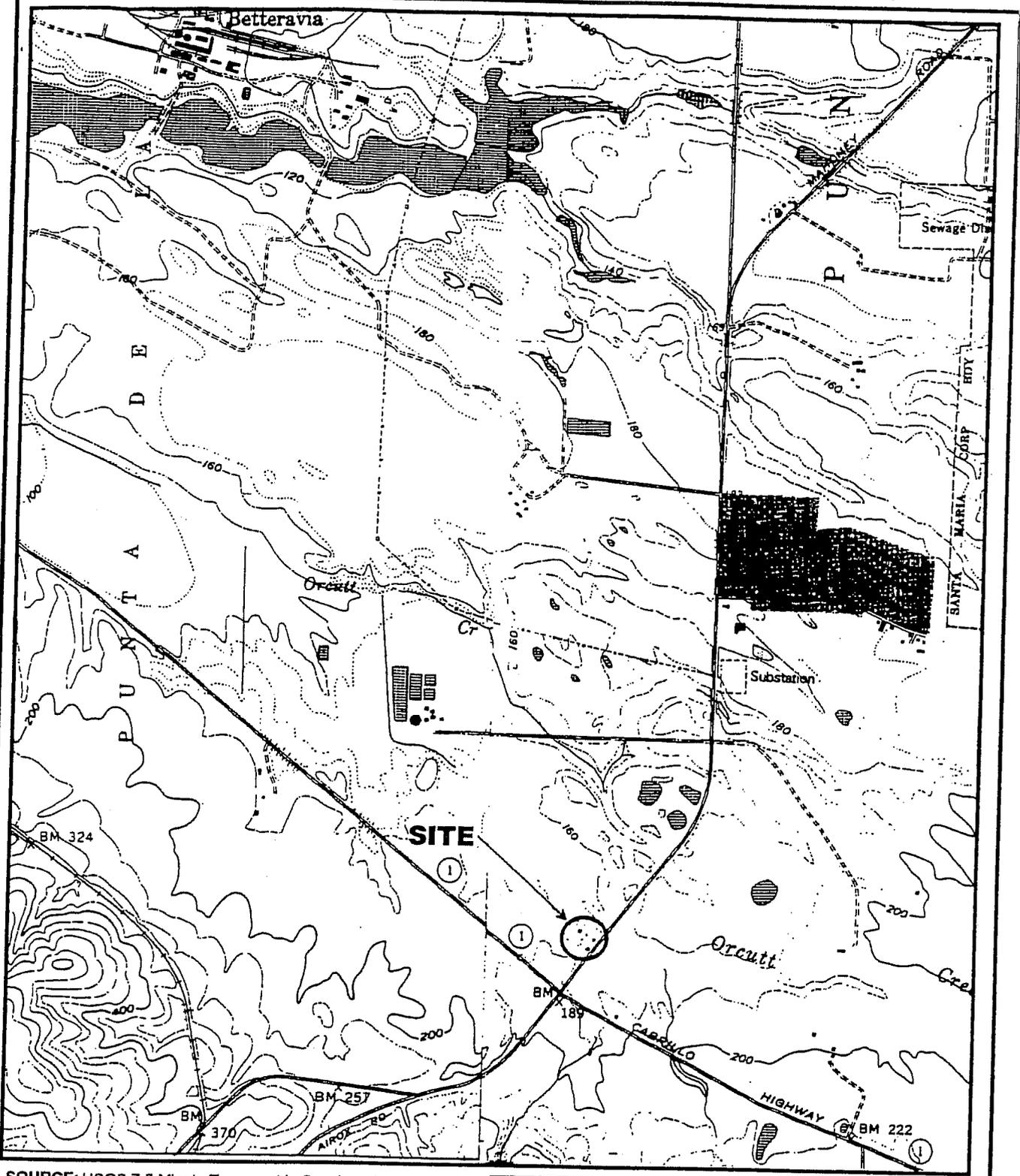
Additional Work Description:

For Department Use Only  
Application Disposition:  
Approved   
Denied   
Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.  
Signed Demetrius Jimenez 9/5/01  
Applicant

\$ 435.00 Fee paid on 09/05/01  
Receipt No. 1661960 ckt#2006054 9-6-01  
Paid By: Owner Date  
Name: Ann R. Hamlin  
S.B.  Sol.   
S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. HEALTH OFFICER SHALL BE NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES ONE YEAR FROM DATE ISSUED



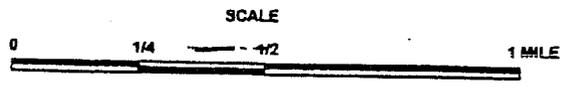
SOURCE: USGS 7.5 Minute Topographic Quadrangle,  
 Guadalupe and Santa Maria, California,  
 1959, Photorevised 1982



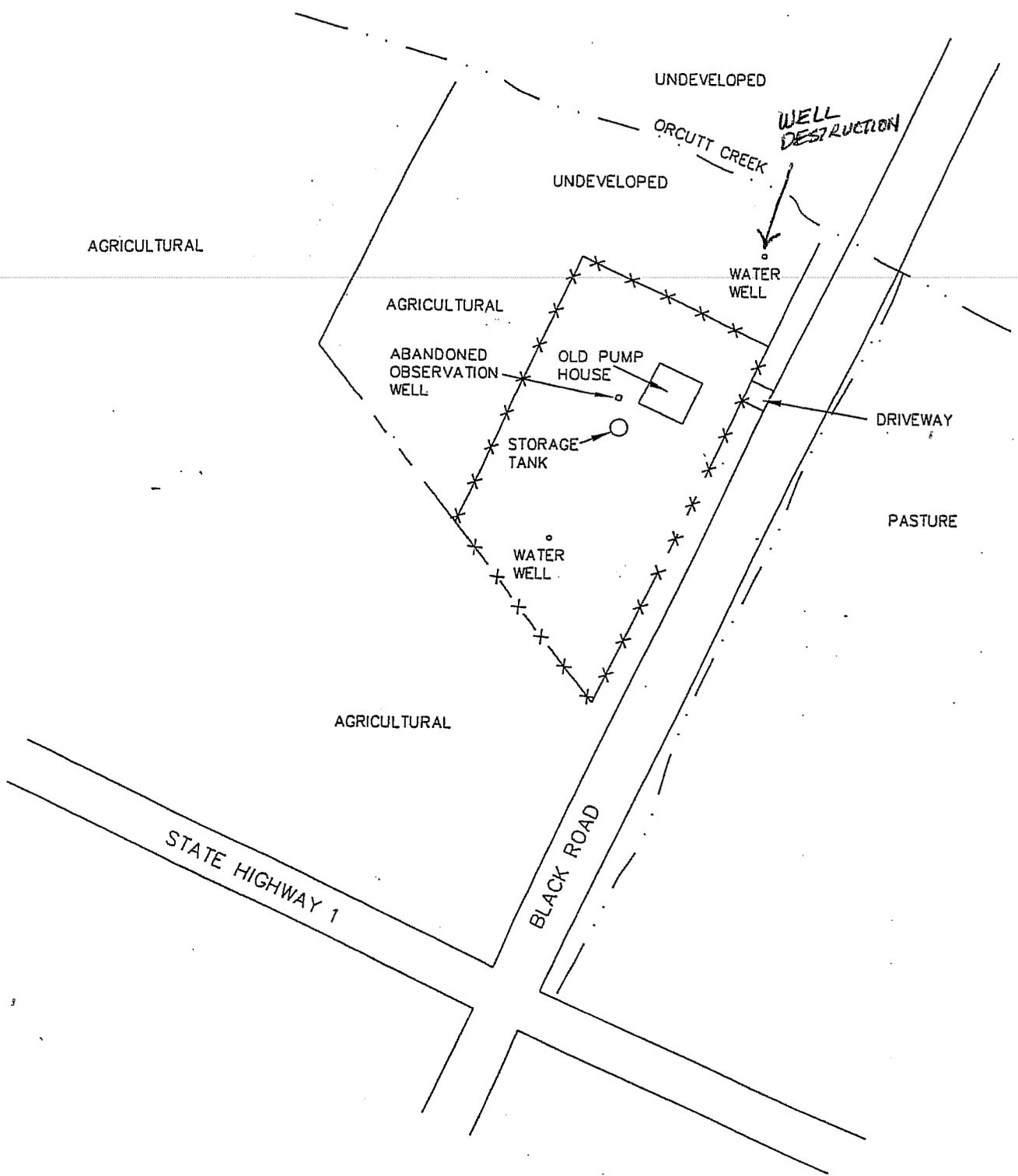
**ENSR**

**FIGURE 1**  
**SITE LOCATION MAP**

Casmite Well  
 Black Road & State Highway 1  
 Santa Maria, California



Drawn by: M. Scop	Date: 4/18/88	Project number
Figure Name: 6940118a.dxf	Checked by:	6940-116-000



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- - - CREEK
- x x x x FENCE

REVISED BY UNOCAL ON 8/2/01

NOT TO SCALE



FIGURE 2  
 SITE PLAN  
 Casmite Corp. Well  
 Black Road & State Highway 1  
 Santa Maria, California

DRAWN: M. SCOP	DATE: 4/9/98	PROJECT NO. 6940-116-000	REV.
FILE NO. 6940116A	CHK BY.		

\$ 435.- (Destruction)

Permit No. 0511

WELL PERMIT APPLICATION

Page 1 of 2 pages

101951

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 11 / 15 / 00

Name of Well Owner Unocal Corporation/Casmite Corporation

Mailing Address P.O. Box 1069 San Luis Obispo, CA 93406 805-547-5440  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-240-07 Street Address Black Rd. & State Highway 1

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller Robert Alexander

Company Name Alexander Bros., Inc.

Business Address 200 La Salle Canyon Rd., Lompoc, CA 93436

Contractor's License No. 602322 Date of Work Between Start 12/4/00 Finish 12/14/00

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input checked="" type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 155 ft. Casing Information

Well Bore Diam 8 in. Type: Steel  PVC  Other

Sealing Material (Check) Wall/Gage 1/2 ? in.

Neat Cement  Clay  Diameter 8 ? in.

Cement Grout  Concrete  Annular Seal Depth \_\_\_\_\_ ft.

Additional Work Description: \_\_\_\_\_

For Department Use Only

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Demetrius Jimila Applicant 11/16/00

# 358869  
\$ 435 Fee paid on 11/17/00  
Receipt No. 1633921  
Paid By: Unocal

Name James R. Hamlin  
11-17-00  
Date

S.B.  Sol.   
S.M.  Lom

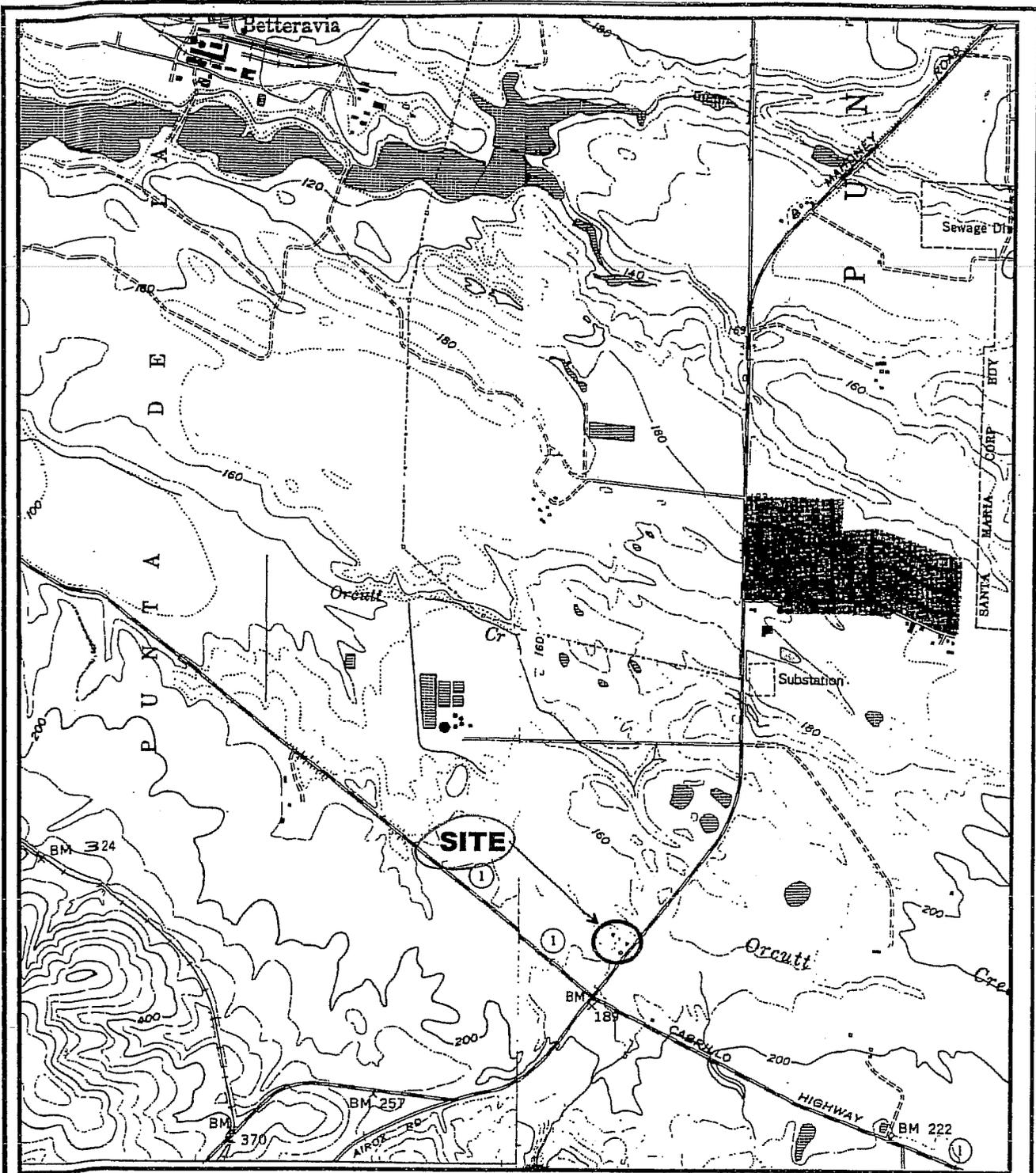
WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EX

URS # 017

**Unocal Corporation**  
Real Estate, Remediation Services  
and Mining Operations  
2184 West Thornberry Road, P.O. Box 120  
Guadalupe, California 93434  
Telephone (805) 343-6167  
(805) 343-2357



**Dennis Simila**  
HES Technician  
Central Coast Group



SOURCE: USGS 7.5 Minute Topographic Quadrangle, Guadalupe and Santa Maria, California, 1959, Photorevised 1982

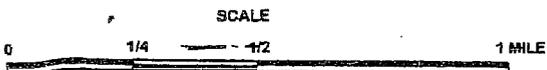


FIGURE 1  
**SITE LOCATION MAP**  
 Casmite Well  
 Black Road & State Highway 1  
 Santa Maria, California

Drawn by: M. Scop	Date: 4/16/98	Project number: 6940-116-000
Figure Name: 6940116a.dsf	Checked by:	



ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

WELL SITE:  
BLACK RD &  
STATE HIGHWAY 1  
SANTA MARIA

Well Permit Application Received: Date 11/17/00

Site Investigation By N/A Date 1/1/00

Findings: (Check applicable boxes and give clearance)

- Overhead Power Lines \_\_\_\_\_
- Sewer Lines N/A
- Leach Field \_\_\_\_\_
- Cesspool/Drywell \_\_\_\_\_
- Animal Enclosure N/A
- Creek or Watercourse N/A
- Petroleum Tank or Pipeline \_\_\_\_\_
- Other \_\_\_\_\_

Application Reviewed and Approved: By James R. Hamilton Date 11/17/00

Work Investigation Record \* WELL DESTRUCTION

Date 12/13/00

Well Site #: 1

Casing Information

Borehole

Type: Steel  PVC  Other

Total Depth of Well: \_\_\_\_\_

Class/Gage/NSF: \_\_\_\_\_

~~ASBESTOS~~ CASING FILL WITH CEMENT  
Seal Depth: 54'

ASTM#: \_\_\_\_\_

Well ~~Size~~ CASING Diameter: 14"

Diameter: 14" Total Depth: 155'

Sealing Material: CEMENT

Casing Schedule

Amount: 4 YARDS OF 6 SACK

0'	-		=	<u>N/A</u>
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____

Method of Pour: GRAVITY

Use of Tremie: NO

Driller(s): ALEXANDER BROS.

C602322

\*WELL DESTRUCTION  
Comments: CASING CUT OFF AT 8' BELOW GRADE, THE UPPER 54' OF CASING FILLED WITH CEMENT AND CAPPED WITH CEMENT, LOWER CASING FILLED WITH GRAVEL.

Final Inspection and (Approval) Denial: By James R. Hamilton Date 12/13/00

Notice of Work (Acceptance) Rejection Sent to Well owner On 12/13/00

JAN 31 1977

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

Do Not Fill In  
No 105175

State Well No. \_\_\_\_\_  
Other Well No. \_\_\_\_\_

(1) OWNER:  
Name Moretti Ranch c/o Ernest Righetti  
Address 3050 State Highway 1  
Orcutt, Ca 93454

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

(2) LOCATION OF WELL:  
County Santa Barbara Owner's number, if any \_\_\_\_\_  
Township, Range, and Section T10N, R35W, Ranch Punta de Laguna  
Distance from cities, roads, railroads, etc. 2 1/10 mi W on Hwy 1 from  
Black Rd, 85 ft N of Hwy 1

SEE ATTACHED LOG

(3) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Destroying   
If destruction, describe material and procedure in Item 11.

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

(5) EQUIPMENT:  
Rotary   
Cable   
Other

(6) CASING INSTALLED:  
STEEL: X OTHER: \_\_\_\_\_  
SINGLE  DOUBLE

If gravel packed

From ft.	To ft.	Diam.	Gage or Wall	Diameter of Bore	From ft.	To ft.
0	760	14"OD	.312	28"	0	760

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Size of shoe or well ring: \_\_\_\_\_  
Describe joint Butt

Size of gravel: 70% 1/4 x 1/8  
30% 3/8

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

From ft.	To ft.	Perf. per row	Rows per ft.	Size in. x in.
580	660	perf	14	.125 x 2 1/2
660	730	blank		
730	750	perf		
750	760	blank		

(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.

Work started 12/13 19 76 , Completed 12/31 19 76

Method of sealing \_\_\_\_\_

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

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

NAME Floyd V. Wells, Inc  
(Person, firm, or corporation) (Typed or printed)

(10) WELL TESTS:  
Was pump test made? Yes  No  If yes, by whom? \_\_\_\_\_  
gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

Address P. O. Box 1007  
Santa Maria, Ca. 93454

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

[SIGNED] *Floyd V. Wells*  
(Well Driller)  
License No. C57-229570 Dated January 12, 1977

SKETCH LOCATION OF WELL ON REVERSE SIDE

URS # 018

JAN 31 1977 WATER WELL DRILLING LOG

Owner: Moretti Estate Company: Ernest Righetti, Trustee

Well No.: 2 Rig: 5

Location of Well: 2 1/10 mi W on Hwy 1 from Black Rd, 85 ft N of Hwy 1  
T10N, R35W, Ranch Punta de Laguna

Surface Pipe or Seal: none Size: Depth: Gauge:

Well Bore Diameter: 28" Depth of Casing Set: 760'

Casing Size: 14" OD Gauge: .312 wall Type: steel

Perforations: Size: .125 x 2 1/2" Type: Vertical slots Number: 14 rows

Perforation Location from Ground Level: 480'  
From: 580 To: 660 perf  
660 730 blank  
730 750 perf  
750 760 blank

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Gravel Pack: Type: dumped Size: 70% 1/4 x 1/8, 30% 3/8 Quantity: 130.99 ton

Bits: No. Used: 6 Size: (2) 9 7/8; (1) 20; (1) 17; (2) 28

Drilling Method: Air: Foam: Mud: X

Material Used: Gel.: 80 P-95: 35 Foam:

Well Started: 12/13/76 Well Completed: 12/31/76 Driller: Clarence Bevier

TEST PUMPING INFORMATION:

Production Test:

Standing Water Level: Pumping Level:

G.P.M.: Pumping Level

REMARKS:

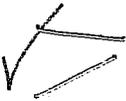
JAN 31 1977

## FORMATION LOG

FROM	TO	DESCRIPTION
0	10	Sand and gravel
10	15	Black adobe
15	50	Brown sandy clay with coarse sand and gravel
50	64	Yellow sandy clay with coarse gravel
64	130	Coarse sand and large gravel with some clay
130	140	Coarse sand with large gravel
140	158	Coarse sand and fine sand
158	190	Light gray clay
190	204	Light gray sandy clay
204	212	Yellow clay
212	230	Tan sandy clay
230	243	Coarse and fine sand
243	273	Light brown clay with sand strips "fine"
273	318	Tan clay with sand strips "fine"
318	345	Gray sandy clay
345	355	Brown sandy clay with some gravel
355	375	Brown sandy clay
375	395	Light brown clay
395	405	Dark gray clay
405	425	Tan brown clay
425	467	Dark gray tan clay
467	470	Brown sandy clay
470	488	Brown sandy clay with sand and gravel strips
488	509	Sandy brown clay
509	529	Brown gray clay in strips
529	539	Brown sandy clay
539	560	Brown clay
560	570	Dark Gray clay
570	639	Sand and gravel
639	649	Brown sandy clay with gravel imbedded
649	660	Sand and gravel
660	678	Brown sandy clay with gravel imbedded clay and sand strips
678	710	Brown sandy clay with some gravel imbedded
710	730	Gray clay
730	750	Sand and gravel, some brown clay
		Continued

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FOR PUBLIC RELEASE



Permit No. 9138

Page 1 of 2 pages

## WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care ServicesDate 3/11/91Name of Well Owner Richard L. Williams  
Mailing Address 111 E El Campo Arroyo Grande Ca 93420 481434  
Street, P.O. City State Zip Code TelephoneWell Site Location: Vicinity Map Attached  (Check)  
Assessor's Parcel No. 113 250 -18 Street Address Black Rd & Hwy 1  
Township Range Section RanchoName of Well Driller  
Company Name Per Taylor Drilling  
Business Address 2801 Mahoney Rd S.M. 93455 Date of Work:  
Contractor's License No. C 57 858 523 Start 3/16/91 Finish 1/1OTHER WATER SOURCE: Public  Private  None 

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 500 ft. Casing Information  
Well Bore Diam 20 in.  
Type: Steel  PVC  Other   
Sealing Material (Check) Wall/Gage 281 in.  
Heat Cement  Clay  Diameter 12 in.  
Grout  Concrete  Annular Seal Depth 50 ft.

## Work Description:

Use Only  
ation:

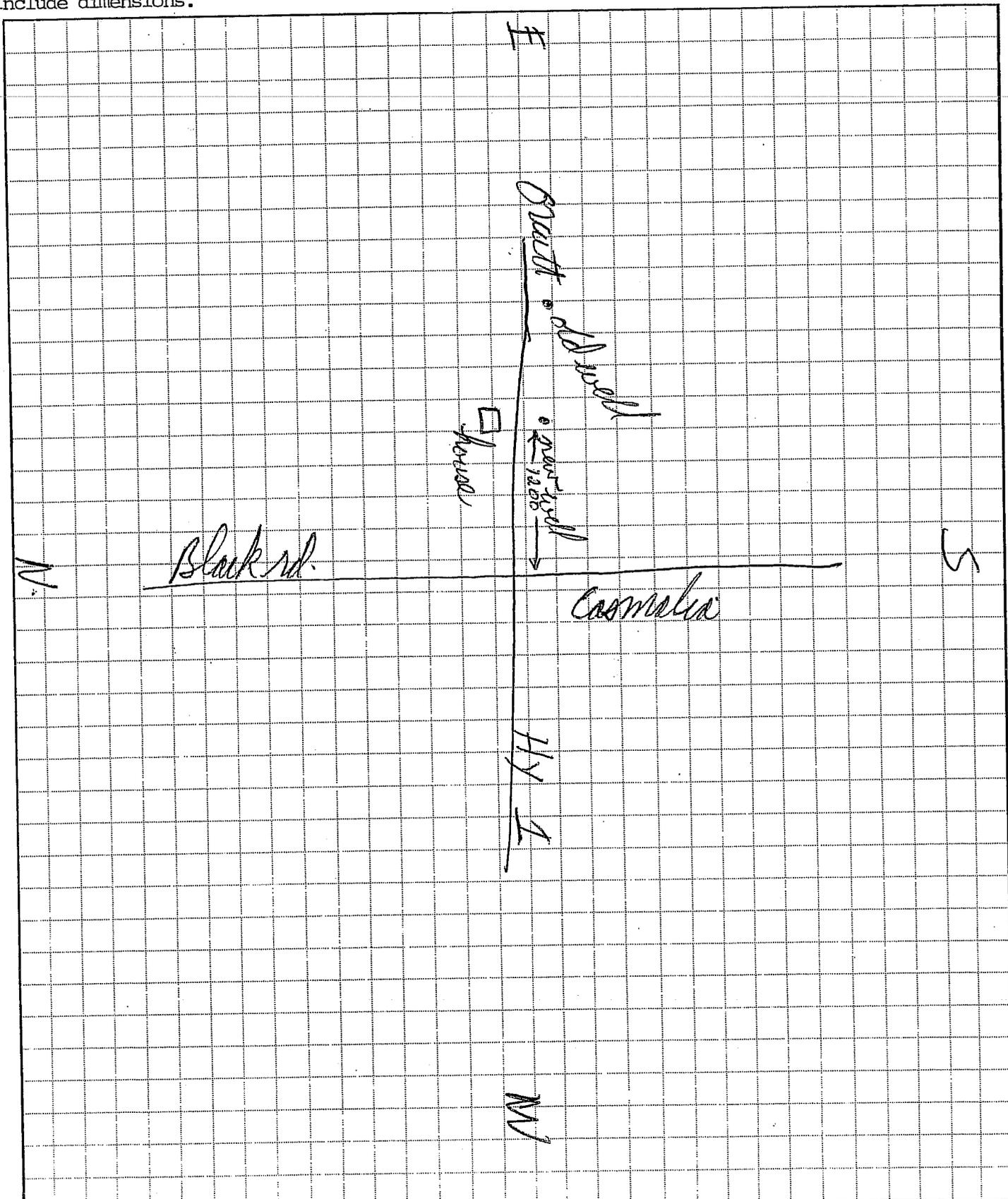
I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Per Taylor Applicant 3/11/91Name H. S. R. S.B.  Sol.   
Date 3-14-91 S.M. 

HEALTH CARE SERVICES, THIS APPLICATION IS FOR SEALING OPERATIONS. NOTE: PERMIT 1

URS # 019

State below the exact location of the proposed well with respect to the following items: property lines, sewer lines and sewage disposal systems, animal enclosures, watercourses, flood plain, drainage pattern, existing wells, access roads, easements, and well site elevation. Include dimensions.



Permit No. 9138  
Page 3 of 3 pages  
APN # 113-250-18

ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 3 11 191

Site Investigation By H. R. Date 3 13 191

Findings: (Check applicable boxes and give clearance)

- |   |   |
|---|---|
| <input type="checkbox"/> Overhead Power Lines | <input type="checkbox"/> Animal Enclosure           |
| <input type="checkbox"/> Sewer Lines          | <input type="checkbox"/> Creek or Watercourse       |
| <input type="checkbox"/> Leach Field          | <input type="checkbox"/> Petroleum Tank or Pipeline |
| <input type="checkbox"/> Cesspool/Drywell     | <input type="checkbox"/> Other                      |

No visible sources of contamination to well site - APN checked OK w/ assessor's office - no land use concerns

Application Reviewed and Approved: By H. R. Date 3 14 191

Work Investigation Record

Date 4 1 191

Well Site #: \_\_\_\_\_

Casing Information

Type: Steel  PVC  Other

Borehole

Total Depth of Well: 487

Class/Gage/NSF: 281

Annular Seal Depth: 55 ft. measured

ASTM#: \_\_\_\_\_

Well Bore Diameter: 20"

Diameter: 12" Total Depth: 487

Sealing Material: Best Cement

Casing Schedule

Amount: 3 yds.

Method of Pour: Gravity

Use of Tremie: No

Driller(s): Ron Taylor

0'	-	207'	=	Blank
207	-	487'	=	Perf
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____

Comments: Steel cover on casing at time of seal

Final Inspection and Approval/Denial: By H. R. Date 4 11 191

Notice of Work Acceptance/Rejection Sent to Well owner On 1 1

#2

Permit No. 9425

Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 12/24/90

Name of Well Owner RICHARD L. WILLIAMS  
Mailing Address 111 E EL CAMPO ARROYO GRANDE, CA 93420 805 481-4341  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-240-04 Street Address Black Rd and Hwy 1.

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller ENLOE WELL DRILLING

Company Name ENLOE WELL DRILLING

Business Address 2285 Willow Road ARROYO GRANDE 93420 Date of Work \_\_\_\_\_

Contractor's License No. 318877 Start     /     /     Finish     /     /    

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 500 ft. Casing Information

Well Bore Diam 19 in. Type: Steel  PVC  Other

Sealing Material (Check) Wall/Gage 250 in.  
Neat Cement  Clay  Diameter 12 in.  
Cement Grout  Concrete  Annular Seal Depth 20 ft.

Additional Work Description:

For Department Use Only

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Rich Williams Applicant \_\_\_\_\_

\$365.00 Fee paid on 12/28/90  
Receipt No. X1107917-Vicki

Name Richard Williams S.B.  Sol.   
Date 1-3-91 S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT F

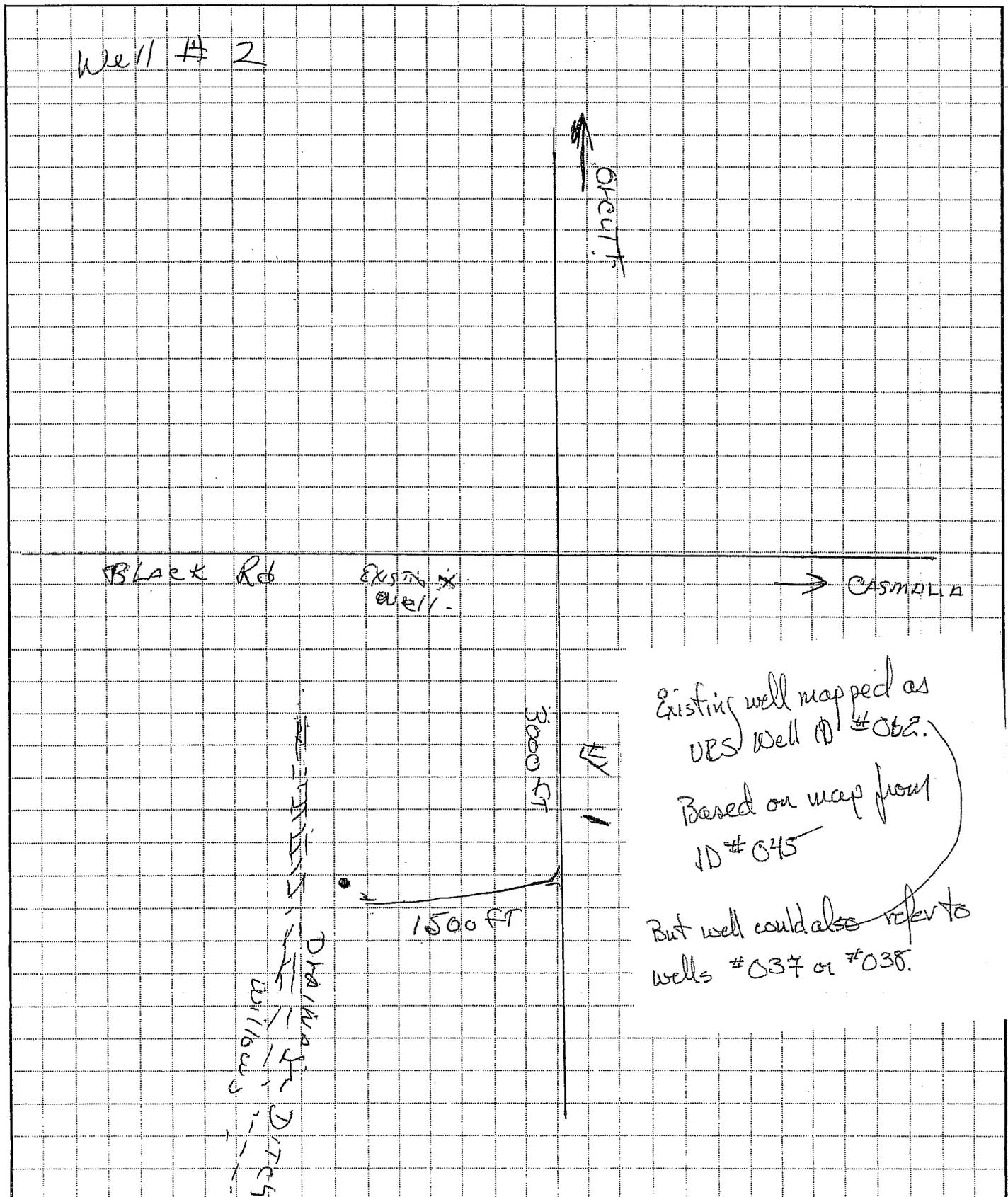
URS # 020

WELL PERMIT APPLICATION

Plot Plan (1/4" = 20')

Permit No. 9425  
Page 2 of 2  
APN # 113-240-06

Indicate below the exact location of the proposed well with respect to the following items:  
Property lines, sewer lines and sewage disposal systems, animal enclosures, watercourses,  
flood plain, drainage pattern, existing wells, access roads, easements, and well site elevation.  
Include dimensions.



ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 12/28/90

Site Investigation By H. Ruiz Date 12/31/90

Findings: (Check applicable boxes and give clearance)

- |   |   |
|---|---|
| <input type="checkbox"/> Overhead Power Lines _____ | <input type="checkbox"/> Animal Enclosure _____           |
| <input type="checkbox"/> Sewer Lines _____          | <input type="checkbox"/> Creek or Watercourse _____       |
| <input type="checkbox"/> Leach Field _____          | <input type="checkbox"/> Petroleum Tank or Pipeline _____ |
| <input type="checkbox"/> Cesspool/Drywell _____     | <input type="checkbox"/> Other _____                      |

No visible sources of contamination to well site - APN # checked  
OK w/assessors office - No land use concerns

Application Reviewed and Approved: By H. Ruiz Date 12/31/90

Work Investigation Record

Date 1/25/91

Well Site #: #2

Casing Information

Type: Steel  PVC  Other

Borehole

Total Depth of Well: 400 ft.

Class/Gage/NSF: .250

Annular Seal Depth: 22 ft.

ASTM#: \_\_\_\_\_

Well Bore Diameter: 20"

Diameter: 12 Total Depth: 400

Sealing Material: Concrete

Casing Schedule

Amount: 1 yd.

0'	-	160'	=	<u>Blank</u>
160'	-	400'	=	<u>Perf.</u>
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____

Method of Pour: gravity

Use of Tremie: no.

Driller(s): Enloe

Comments: \_\_\_\_\_

Final Inspection and Approval/Denial: By A. King Date 1/25/91

Notice of Work Acceptance/Rejection Sent to Well owner On 1/1

# 1

Permit No. 9426

Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 12/24/90

Name of Well Owner RICHARD L. WILLIAMS  
Mailing Address 111 E. EL CAMPO ARROYO GRANDE CA 93420 481-4341  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)  
Assessor's Parcel No. 113-250-18 Street Address BLACK Rd. and Hwy 1.  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller \_\_\_\_\_  
Company Name ENLOF WELL DRILLING  
Business Address 2285 WILLOW RD ARROYO GRANDE CA 93420 Date of Work  
Contractor's License No. 31 88 77 Start  / / Finish  / /

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 500 ft. Casing Information

Well Bore Diam 18 in.

Type: Steel  PVC  Other

Sealing Material (Check)

Neat Cement  Clay

Cement Grout  Concrete

Wall/Gage .280 in.

Diameter 12 in.

Annular Seal Depth 20 ft.

Additional Work Description:

**For Department Use Only**

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Rich Williams Applicant

\$365.00 Fee paid on 12/28/90

Receipt No. X1107917-Vicky

Name Henry S King

Date 1-3-91

URS # 021

ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 12/28/90

Site Investigation By H. Ruiz Date 12/31/90

Findings: (Check applicable boxes and give clearance)

- |   |   |
|---|---|
| <input type="checkbox"/> Overhead Power Lines _____ | <input type="checkbox"/> Animal Enclosure _____           |
| <input type="checkbox"/> Sewer Lines _____          | <input type="checkbox"/> Creek or Watercourse _____       |
| <input type="checkbox"/> Leach Field _____          | <input type="checkbox"/> Petroleum Tank or Pipeline _____ |
| <input type="checkbox"/> Cesspool/Drywell _____     | <input type="checkbox"/> Other _____                      |

No visible sources of contamination to well site - APN # checked  
OK w/ Assessors Office - No Landuse concerns

Application Reviewed and Approved: By H. Ruiz Date 12/31/90

Work Investigation Record

Date 1/25/91

Well Site #: #1

Casing Information

Type: Steel  PVC  Other

Borehole

Total Depth of Well: 480

Class/Gage/NSF: 1250

Annular Seal Depth: 55 ft

ASTM#: \_\_\_\_\_

Well Bore Diameter: 20

Diameter: 12 Total Depth: 480'

Sealing Material: Concrete

Casing Schedule

Amount: 3 yds

<u>0'</u>	<u>-</u>	<u>180'</u>	<u>=</u>	<u>Blank</u>
<u>180'</u>	<u>-</u>	<u>480'</u>	<u>=</u>	<u>Perf</u>
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____

Method of Pour: Gravity

Use of Tremie: Gravity

Driller(s): Enloe

Comments: \_\_\_\_\_

Final Inspection and Approval/Denial: By H. Ruiz Date 1/25/91

Notice of Work Acceptance/Rejection Sent to Well owner On 1/1

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 7 12 31 79

Name of Well Owner GRACE PETROLEUM CORPORATION

Mailing Address 301 SO. MILLER SANTA MARIA CAL. 93454 (805) 928-3741  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-270-18 Street Address \_\_\_\_\_

Township 9N Range 35W Section \_\_\_\_\_ Rancho TODOS SANTOS Y SAN ANTONIO

Name of Well Driller JOHN NAIRN

Company Name WATER WELL SUPPLY CO.

Business Address P.O. Box 157 ARROYO GRANDE CAL. 93420 Date of Work \_\_\_\_\_

Contractor's License No. 238247 Start 7 12 4 79 Finish 7 12 6 79

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/> <u>Industrial</u>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 100 ft.

Casing Information

Well Bore Diam 8 in.

Type: Steel  PVC  Other

Sealing Material (Check)

Wall/Gage 1/4 in.

Heat Cement  Clay

Diameter 8 in.

Cement Grout  Concrete

Annular Seal Depth \_\_\_\_\_ ft.

Additional Work Description: \_\_\_\_\_

For Department Use Only

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Meggy Olson 7 12 31 79  
Applicant Date

45 Fee paid on 7 12 31 79

Receipt No. 302062

E. Ralph Adamson S.B.  Sol   
Name

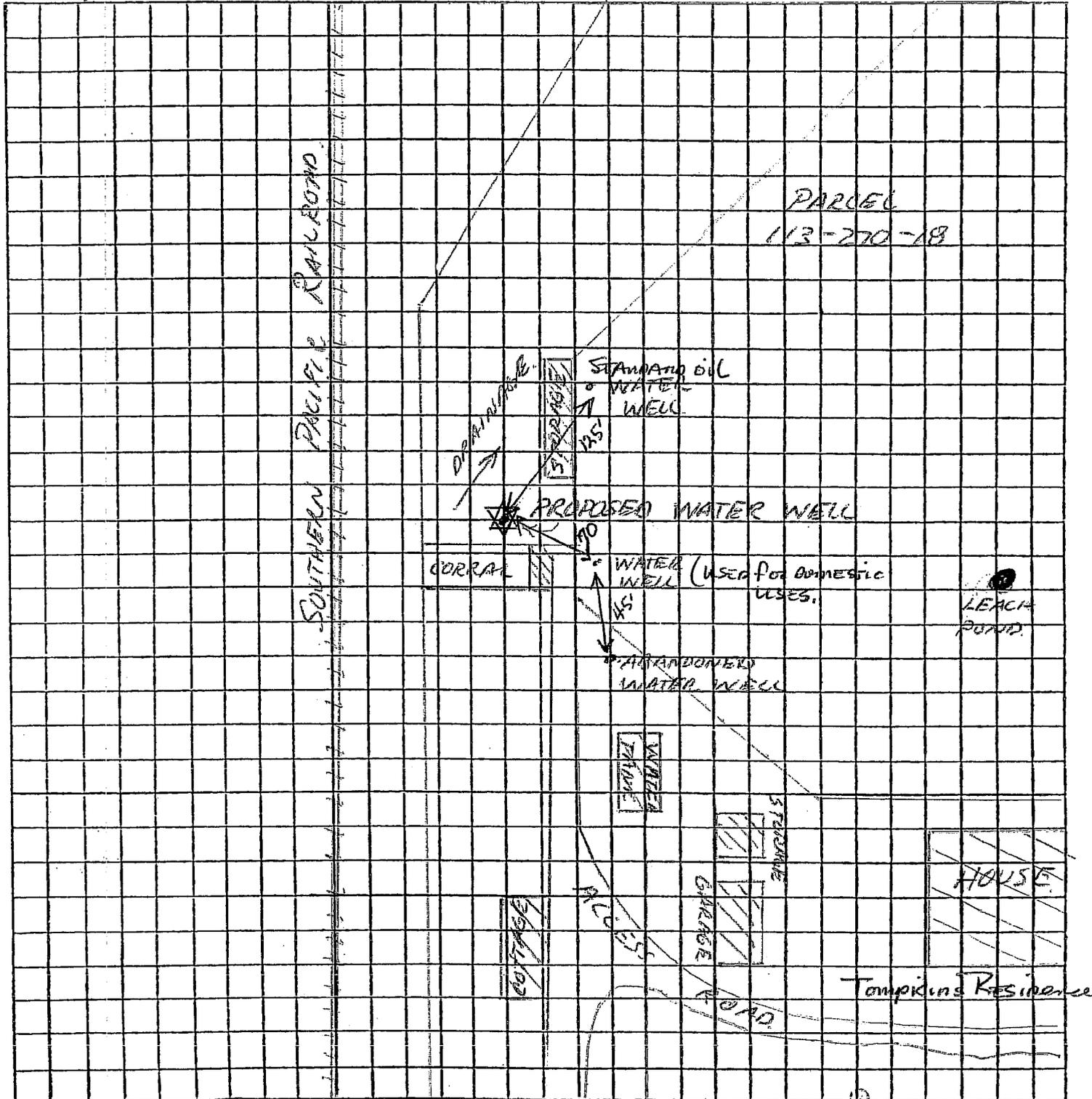
7-24-79 S.M.  Lom   
Date

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES:

URS # 022

WELL PERMIT APPLICATION  
Plot Plan  
Scale: 1/4" = 20'

Indicate below the exact location of the well with respect to the following items within 200' of the well: Property lines, sewers and private sewage systems, water bodies or watercourses, drainage pattern, existing wells, access roads, well site elevation. Include dimensions.



ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Permit No. 1663

Page \_\_\_ of \_\_\_ pages

Grace Petroleum Corp

Well Permit Application Received: Date 7 124 179

Site Investigation: By E. Ralph Adamson Date 7 124 179

Findings: Sufficient distance from sewage system.  
Permit issued.

Application Reviewed and Approved: By E. Ralph Adamson Date 7 124 179

Work Investigation Record

Findings: 10/16/80 - Rec'd copy of driller's log. 50 ft. cement seal poured according to log.

Final Inspection and Approval/Denial: By \_\_\_\_\_ Date  / /

Notice of Work Acceptance/Rejection Sent to Well Owner On  / /.



SITE A

Permit No. 100011

Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 8 / 11 / 98

Name of Well Owner Velazquez Lasardo

Mailing Address P.O. Box 165 Casmalia Ca. 93429 Zip Code 93429 Telephone 451-6064

Well Site Location: Vicinity Map Attached  (Check) 2995 Associated Rd.

Assessor's Parcel No. 113-270-017 Street Address Associated

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller Doug Enloe

Company Name Enloe Well Drilling

Business Address 2285 Willow Road Arroyo Grande Ca

Contractor's License No. 318877

Date of Work  
Start 8 / 11 / 98 Finish 8 / 14 / 98

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 60 ft. Casing Information

Well Bore Diam 10 in.

Type: Steel  PVC  Other

Sealing Material (Check): Neat Cement  Clay  Cement Grout  Concrete

Wall/Gage sdr21 in. Diameter 6 in. Annular Seal Depth 20 ft.

Additional Work Description:

For Department Use Only

Application Disposition:  
 Approved   
 Denied

Comments 15 ft. seal approved for shallow water

328 Fee paid on 8/11/98

Receipt No. 1488548

Paid By: D. Enloe

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed: Doug Enloe Applicant Date 8 / 11 / 98

Name: N. Pampas Date: 8/12/98

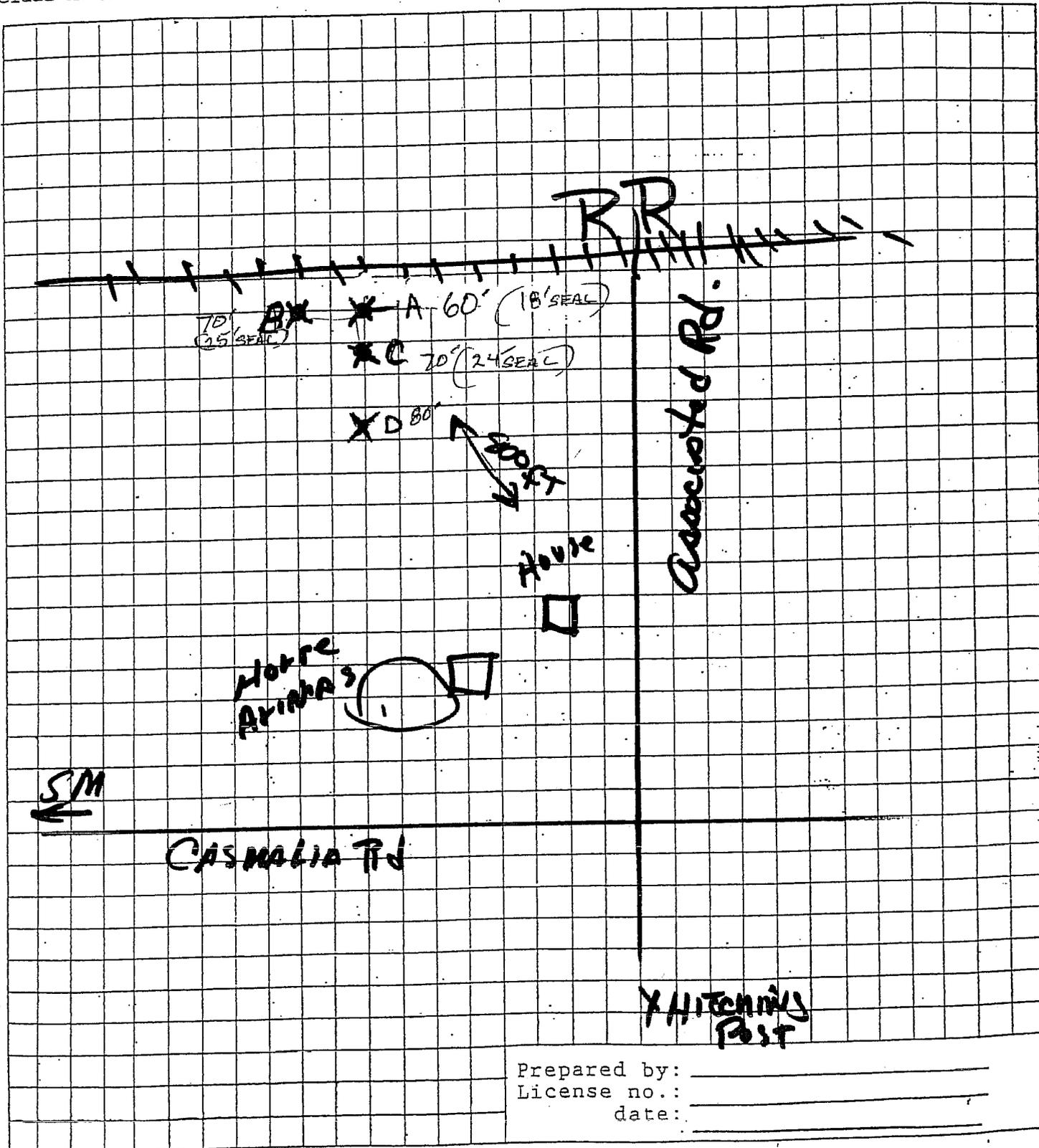
S.B.  Sol.   
 S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT E

URS # 023

Plot Plan (1/4" = 20')

Indicate below the exact location of the proposed well with respect to the following items:  
property lines, sewer lines and sewage disposal systems, animal enclosures, watercourses,  
flood plain, drainage pattern, existing wells, access roads, easements, and well site elevation.  
Include dimensions.



Prepared by: \_\_\_\_\_  
License no.: \_\_\_\_\_  
date: \_\_\_\_\_

ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 8, 12, 98

Site Investigation By N. Campos Date 8, 12, 98

Findings: (Check applicable boxes and give clearance)

- Overhead Power Lines \_\_\_\_\_
- Sewer Lines \_\_\_\_\_
- Leach Field \_\_\_\_\_
- Cesspool/Drywell \_\_\_\_\_
- Animal Enclosure \_\_\_\_\_
- Creek or Watercourse \_\_\_\_\_
- Petroleum Tank or Pipeline \_\_\_\_\_
- Other \_\_\_\_\_

met all applicable setback requirements

Application Reviewed and Approved: By N. Campos Date 8, 12, 98

Work Investigation Record

Date 8, 24, 98

Casing Information

Type: Steel  PVC  Other

Class/Gage/NSF: \_\_\_\_\_

ASTM#: F480

Diameter: 6" Total Depth: 60'

Casing Schedule

0'	-	20'	=	BLANK
20'	-	60'	=	SCREEN
	-		=	
	-		=	
	-		=	
	-		=	
	-		=	

Well Site #: A of 4

Borehole

Total Depth of Well: 60'

Annular Seal Depth: 18' CORALL WAVE

Well Bore Diameter: 10"

Sealing Material: CEMENT

Amount: 6 YARD

Method of Pour: PUMP

Use of Tremie: YES

Driller(s): DOUG ENLOE

Comments: "CASING CAP ON SITE"

Final Inspection and Approval Denial: By J. Hamlin Date 8, 12, 98

Notice of Work Acceptance/Rejection Sent to Well owner On 9, 25, 98

SITE B

SR Permit No. 100045

Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division
Santa Barbara County Health Care Services

Date 8 / 18 / 98

Name of Well Owner Velazquez Lasardo

Mailing Address Po Box 165 Casmalia Ca. 93420
Street, P.O. City State Zip Code Telephone 451 6064

Well Site Location: Vicinity Map Attached [ ] (Check)

Assessor's Parcel No. 113-270-017 Street Address Associated Rd 2995 A

Township Range Section Rancho

Name of Well Driller Doug Enloe

Company Name Enloe Well Drilling

Business Address 2285 Willow Road, Arroyo Grande Ca. 93420 8/19/98 Date of Work

Contractor's License No. 318877 Start 8 / 19 / 98 Finish 8 / 21 / 98

OTHER WATER SOURCE: Public [x] Private [ ] None [ ]

Table with 3 columns: Permit Type (Check), Well Use (Check), Drilling Method (Check). Rows include Construction, Repair/Modification, Destruction, Inactivation, Domestic, Agriculture, Cathodic, Test, Rotary, Cable, Other.

Proposed Depth 60 ft. Casing Information

Well Bore Diam 10 in. Type: Steel [ ] PVC [x] Other [ ]

Sealing Material (Check) Wall/Gage SDR21 in. 6

Neat Cement [ ] Clay [ ] Diameter 6 in.

Cement Grout [ ] Concrete [x] Annular Seal Depth ft. (25' PER FIELD RECORD)

Additional Work Description:

For Department Use Only
Application Disposition:
Approved [x]
Denied [ ]
Comments

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Doug Enloe Applicant 8 / 18 98

\$328 Fee paid on 8/19/98
Receipt No. 1488570 ck #001
Paid By: Driller

Name Date

S.B. [ ] Sol. [ ]
S.M. [x] Lom [ ]

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT E

URS # 024

ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 8, 19, 98

Site Investigation By N. Campos Date 8, 20, 98

Findings: (Check applicable boxes and give clearance)

- Overhead Power Lines \_\_\_\_\_
- Sewer Lines \_\_\_\_\_
- Leach Field \_\_\_\_\_
- Cesspool/Drywell \_\_\_\_\_
- Animal Enclosure \_\_\_\_\_
- Creek or Watercourse \_\_\_\_\_
- Petroleum Tank or Pipeline \_\_\_\_\_
- Other \_\_\_\_\_

meets all applicable setbacks.

Application Reviewed and Approved: By N. Campos Date 8, 20, 98

Work Investigation Record

Date 8, 24, 98

Well Site #: B of 4

Casing Information

Type: Steel  PVC  Other

Borehole

Total Depth of Well: 70'

Class/Gage/NSF: \_\_\_\_\_

Annular Seal Depth: 25'

ASTM#: F480

Well Bore Diameter: 10"

Diameter: 6" Total Depth: 70

Sealing Material: CEMENT

Casing Schedule

Amount: .6 YARD

<u>0'</u>	-	<u>30'</u>	=	<u>BLANK</u>
<u>30'</u>	-	<u>70</u>	=	<u>SCREEN</u>
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____

Method of Pour: PUMP

Use of Tremie: YES

Driller(s): DOUG ENLOE

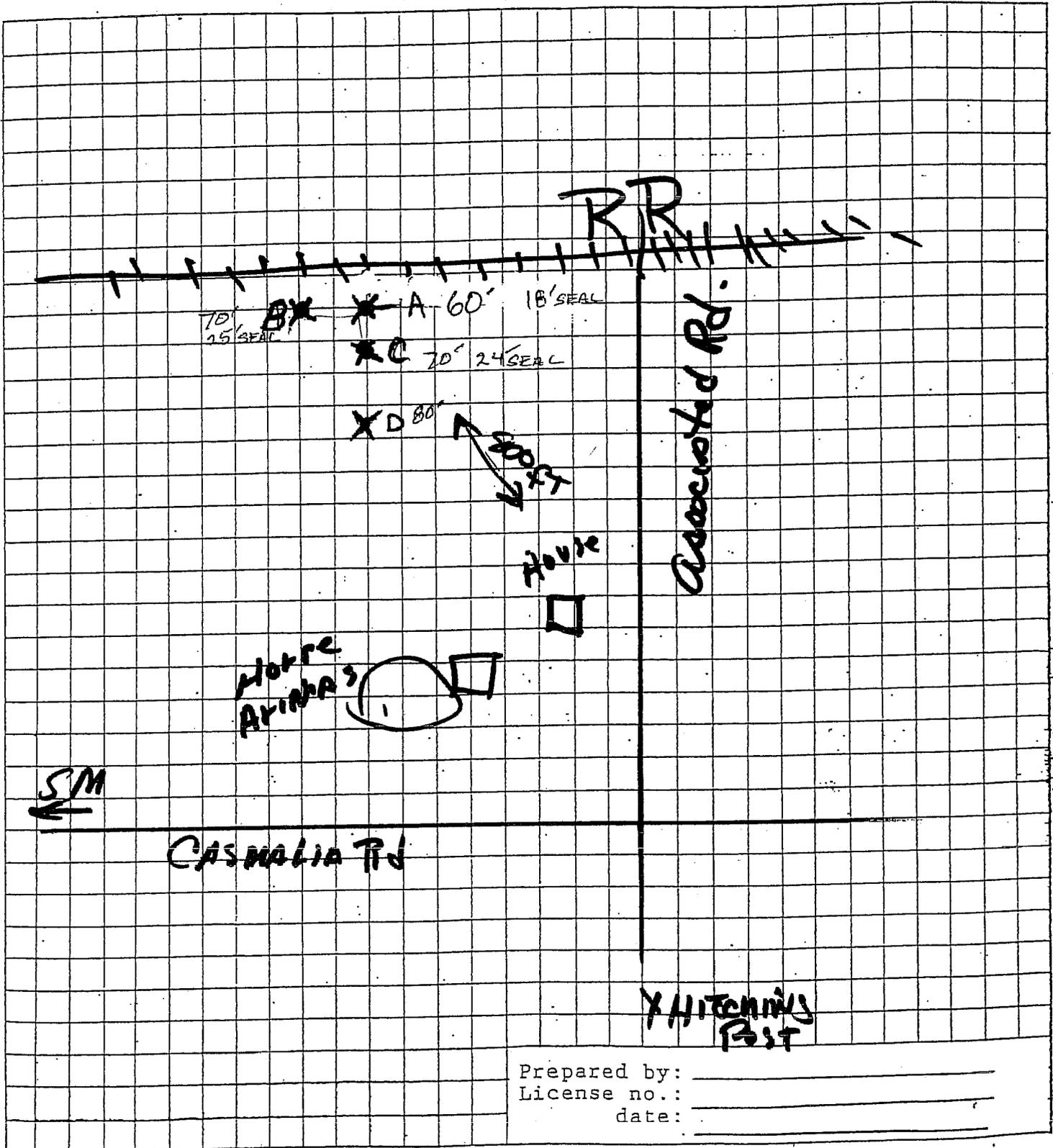
Comments: "CASING CAP ON 1 1/2"

Final Inspection and Approval/Denial: By J. Hamlin Date 8, 24, 98

Notice of Work Acceptance/Rejection Sent to Well owner On 9, 25, 98

Plot Plan (1/4" = 20')

Indicate below the exact location of the proposed well with respect to the following items: Property lines, sewer lines and sewage disposal systems, animal enclosures, watercourses, flood plain, drainage pattern, existing wells, access roads, easements, and well site elevation. Include dimensions.



Prepared by: \_\_\_\_\_  
 License no.: \_\_\_\_\_  
 date: \_\_\_\_\_

SITE C  
SR  
Permit No. 100046  
Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 8 / 18 / 98

Name of Well Owner Velazquez Lasardo

Mailing Address Po Box 165 Casmalia Ca. 93420 State Ca Zip Code 93420 Telephone 451 6064

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-270-017 Street Address Associated Rd 2995 A

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller Doug Enloe

Company Name Enloe Well Drilling

Business Address 2285 Willow Road, Arroyo Grande Ca. 93420 Date of Work 8/19/98

Contractor's License No. 318877 Start 8/19/98 Finish 8/21/98

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 60 ft. Casing Information

Well Bore Diam 10 in. Type: Steel  PVC  Other

Sealing Material (Check) Wall/Gage SDR21 in. 6

Neat Cement  Clay  Diameter 6 in.

Cement Grout  Concrete  Annular Seal Depth \_\_\_\_\_ ft. 24' PER FIELD RECORD

Additional Work Description:

For Department Use Only  
Application Disposition:  
Approved   
Denied   
Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.  
Signed Doug Enloe Applicant 8 / 18 98

\$ 328 Fee paid on 8/19/98  
Receipt No. 1488570 #001  
Paid By: Driller

Name [Signature]  
Date 8/20/98  
S.B.  Sol.   
S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT

URS # 025

ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 8, 19, 98

Site Investigation By [Signature] Date 8, 20, 98

Findings: (Check applicable boxes and give clearance)

- Overhead Power Lines \_\_\_\_\_
- Sewer Lines \_\_\_\_\_
- Leach Field \_\_\_\_\_
- Cesspool/Drywell \_\_\_\_\_
- Animal Enclosure \_\_\_\_\_
- Creek or Watercourse \_\_\_\_\_
- Petroleum Tank or Pipeline \_\_\_\_\_
- Other \_\_\_\_\_

meets all applicable setbacks

Application Reviewed and Approved: By [Signature] Date 8, 20, 98

Work Investigation Record

Date 8/24/98

Well Site #: C of 4

Casing Information

Type: Steel  PVC  Other

Borehole

Total Depth of Well: 70'

Class/Gage/NSF: \_\_\_\_\_

Annular Seal Depth: 24'

ASTM#: F480

Well Bore Diameter: 10"

Diameter: 6" Total Depth: 70'

Sealing Material: CEMENT

Casing Schedule

Amount: .6 YARD

0'	-	30'	=	BLANK
30'	-	70'	=	SCREEN
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____
_____	-	_____	=	_____

Method of Pour: PUMP

Use of Tremie: YES

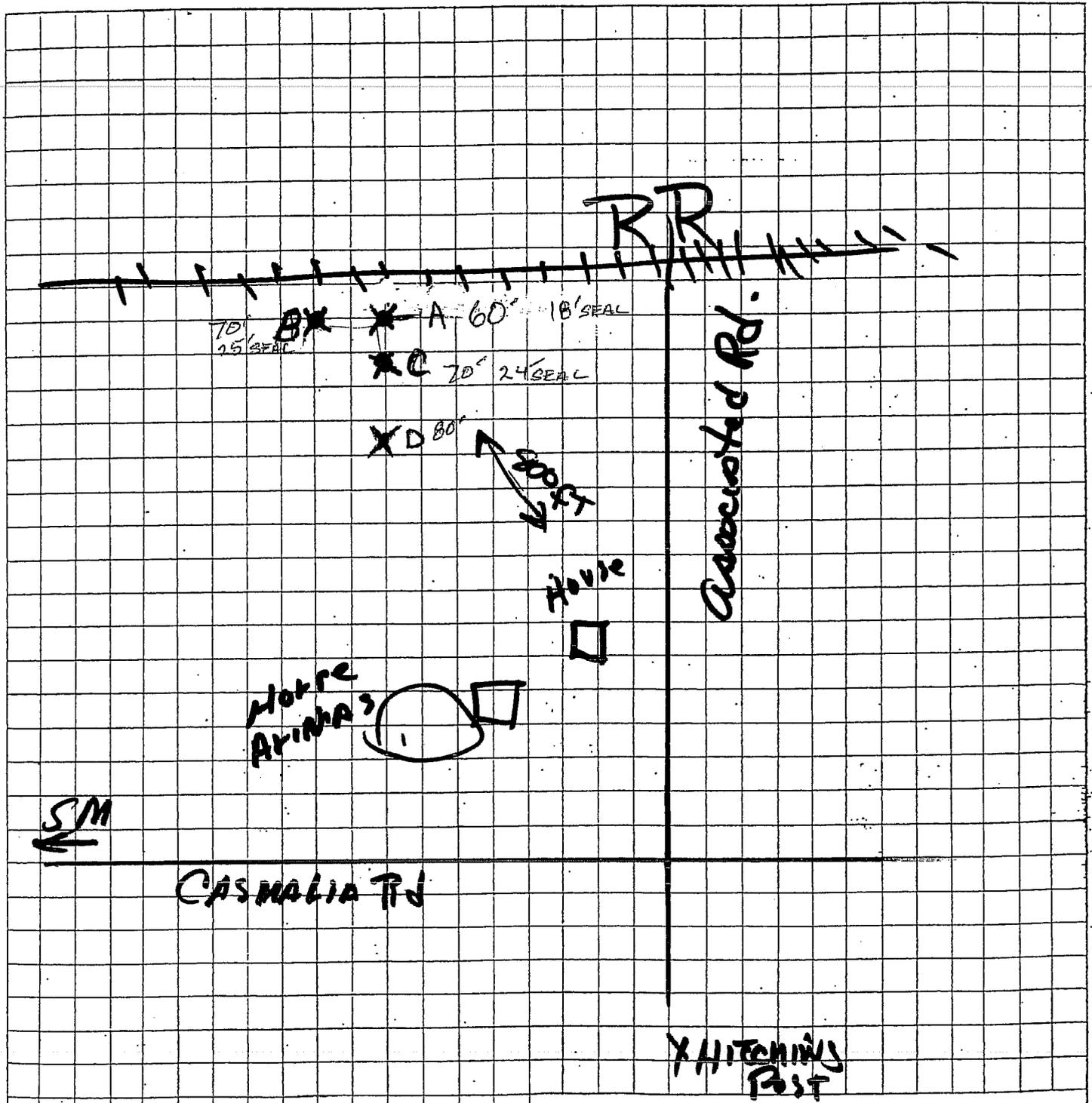
Driller(s): DOUG ENLOE

Comments: "CASING CAP ON W/ZE"

Final Inspection and Approval/Denial: By Jim Hamlin Date 8/24/98

Notice of Work Acceptance/Rejection Sent to Well owner On 9/25/98

Indicate below the exact location of the proposed well with respect to the following items: property lines, sewer lines and sewage disposal systems, animal enclosures, watercourses, flood plain, drainage pattern, existing wells, access roads, easements, and well site elevation. Include dimensions.



Prepared by: \_\_\_\_\_  
 License no.: \_\_\_\_\_  
 date: \_\_\_\_\_

SITE D

Permit No. 100180

Page 1 of 2 pages

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 9 / 23 / 98

Name of Well Owner Velazquez Lasardo

Mailing Address P.O. Box 165 Casmalia CA 93420  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-270-017 Street Address Associated Rd. 2995 A

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller Doug Enloe

Company Name Enloe Well Drilling

Business Address 2285 Willow Road Arroyo Grande CA. 93420 Date of Work

Contractor's License No. 318877 Start 9 / 23 / 98 Finish 9 / 25 / 09

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 80 ft. Casing Information

Well Bore Diam 10 in. Type: Steel  PVC  Other

Sealing Material (Check) Wall/Gage SDR 21 in.

Neat Cement  Clay  Diameter 6 in.

Cement Grout  Concrete  Annular Seal Depth 20 ft.

Additional Work Description: \_\_\_\_\_

For Department Use Only

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Doug Enloe Applicant 9 / 23 / 98

\$ 328 Fee paid on 9 / 24 / 98  
Receipt No. 1428642  
Paid By: DRILLER

Name N. Campos S.B.  Sol.   
Date 9 / 24 / 98 S.M.  Lom

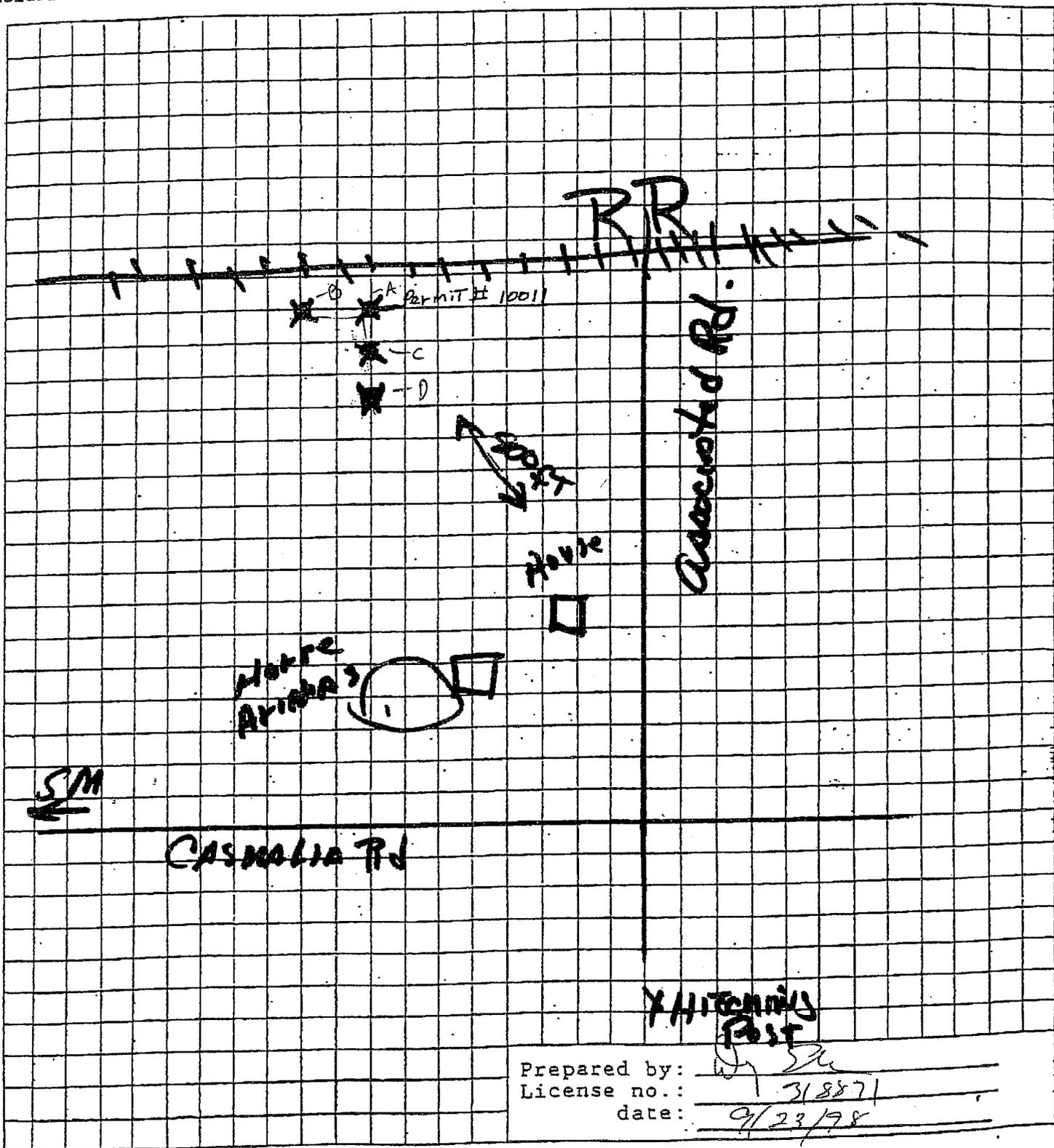
WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMI

URS # 026

BE ED.

Plot Plan (1/2" = 20')

State below the exact location of the proposed well with respect to the following items: property lines, sewer lines and sewage disposal systems, animal enclosures, watercourses, flood plain, drainage pattern, existing wells, access roads, easements, and well site elevation. Include dimensions.



WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 11/23/98

Name of Well Owner Velazquez, Lasardo  
Mailing Address P.O. Box 165 Casmalia Ca 93420 451-6064  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)  
Assessor's Parcel No. 113-270-017 Street Address Associated RD 2995A  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_

Name of Well Driller Larry Enloe  
Company Name Enloe Well Drilling  
Business Address 2285 Willow Rd Arroyo Grande, Ca Date of Work \_\_\_\_\_  
Contractor's License No. 318877 Start     /     /     Finish     /     /    

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input checked="" type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 80 ft.  
Well Bore Diam 10 in.

Casing Information

Sealing Material (Check)  
Neat Cement  Clay   
Cement Grout  Concrete

Type: Steel  PVC  Other   
Wall/Gage SDR21 in.  
Diameter 6 in.  
Annular Seal Depth 20 ft.

Additional Work Description:

For Department Use Only

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Larry Enloe Applicant

11/23/98

\$328<sup>00</sup> Fee paid on 11/23/98

Receipt No. 1489271 CK# 3789

Paid By: Enloe Well Drilling

Name [Signature]  
Date 11/23/98

S.B.  Sol.

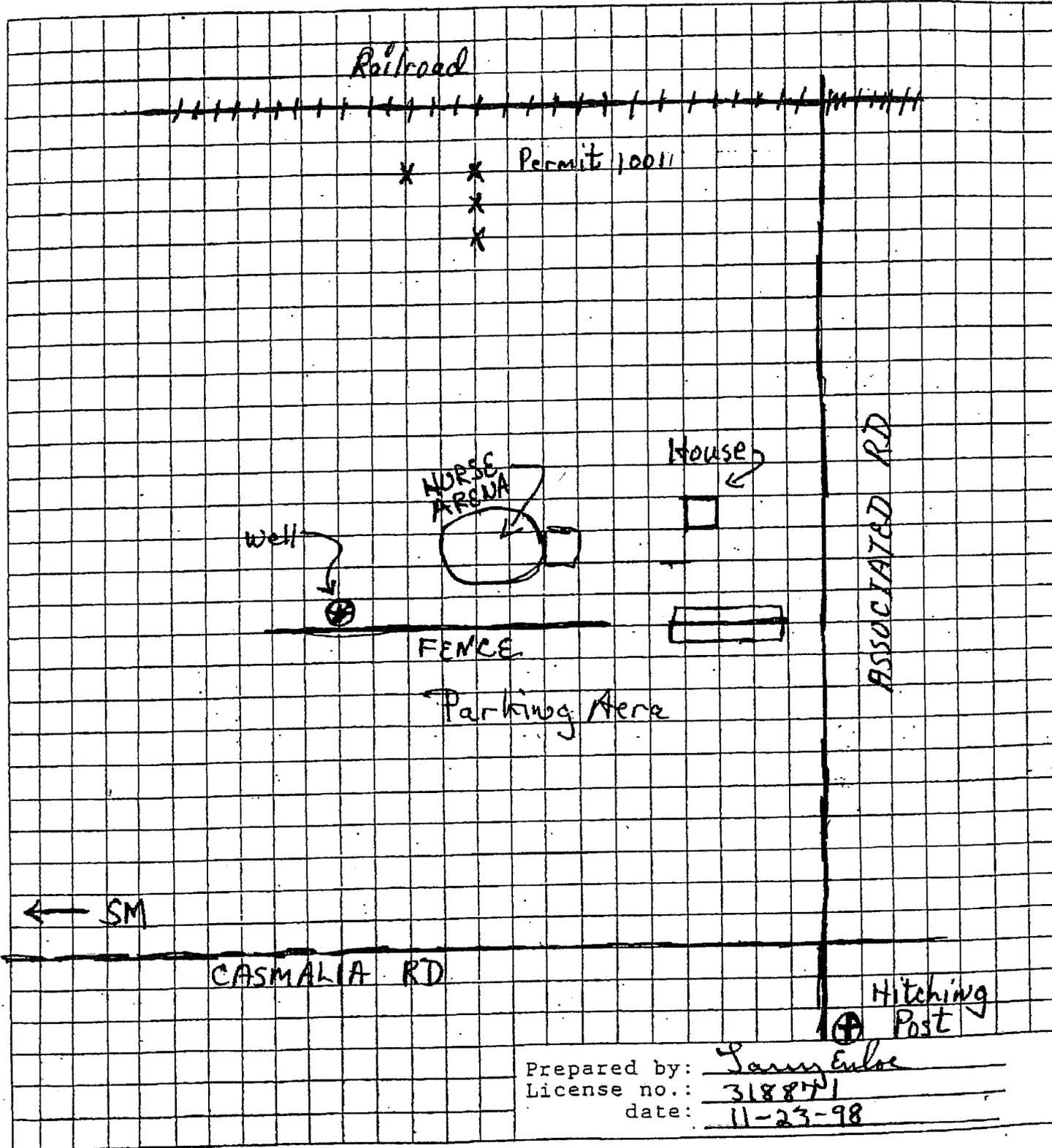
S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT

URS # 027

Plot Plan (1/4" = 20')

Indicate below the exact location of the proposed well with respect to the following items: property lines, sewer lines and sewage disposal systems, animal enclosures, watercourses, flood plain, drainage pattern, existing wells, access roads, easements, and well site elevation. Include dimensions.



Prepared by: Larry Euloe  
 License no.: 318871  
 date: 11-23-98

ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 11, 23, 98

Site Investigation By N. Campo Date 11, 23, 98

Findings: (Check applicable boxes and give clearance)

- Overhead Power Lines \_\_\_\_\_
- Sewer Lines \_\_\_\_\_
- Leach Field \_\_\_\_\_
- Cesspool/Drywell \_\_\_\_\_
- Animal Enclosure \_\_\_\_\_
- Creek or Watercourse \_\_\_\_\_
- Petroleum Tank or Pipeline \_\_\_\_\_
- Other \_\_\_\_\_

Meets all applicable setback requirements

Application Reviewed and Approved: By N. Campo Date 11, 23, 98

Work Investigation Record

Date 12, 8, 98

Well Site #: \_\_\_\_\_

Casing Information

Borehole

Type: Steel  PVC  Other

Class/Gage/NSF: SDR 21

ASTM#: F480

Diameter: 6" Total Depth: 26'5"

Total Depth of Well: 80'

Annular Seal Depth: 26'5"

Well Bore Diameter: 10"

Sealing Material: 6 AAC

Casing Schedule

0'	-	36'	=	<u>Blank</u>
30'	-	80'	=	<u>Perf.</u>
	-		=	
	-		=	
	-		=	
	-		=	
	-		=	
	-		=	

Amount: 4 yards

Method of Pour: Pumper

Use of Tremie: yes

Driller(s): Larry Enloe

Comments: Chf on the dummy seal

Final Inspection and Approval/Denial: By N. Campo Date 12, 8, 98

Notice of Work Acceptance/Rejection Sent to Well owner On 12, 9, 98

WATER WELL COMPLETION REPORT

CASMALIA RESOURCES WELLS

CASMALIA, CALIFORNIA

Faint, mostly illegible text, likely bleed-through from the reverse side of the page.

URS #  
028  
029  
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031

TSC 215855

**HOOVER & ASSOCIATES, INC.** Geologists - Hydrologists

800 GARDEN STREET, SUITE L

SANTA BARBARA, CALIFORNIA 93101

(805) 965-3045

August 2, 1982

Casmalia Resources  
c/o Kenneth H. Hunter, Jr.  
539 San Ysidro Road  
Santa Barbara, California 93108

Subject: Water Well Completion Report  
Casmalia Resources Wells  
Casmalia, California

Gentlemen,

INTRODUCTION

This letter summarizes the construction and test pumping of four new water wells located near the Casmalia Resources Class I site near Casmalia, California (Plate 1). The wells were drilled, constructed, and test pumped by Tri-Valley Drilling and Floyd V. Wells, Inc. Personnel from this office monitored the drilling, determined the final well depth, designed the casing schedule, and monitored the construction and test pumping procedures.

WELL CONSTRUCTION

Six 18-inch diameter test holes were drilled, four of which were completed as production wells at the locations shown on Plate 1. The holes were drilled with a bucket auger drill rig, which allows accurate and continuous formation sampling, and accurate determinations of presence and depth to water. Formation logs of the four completed wells are shown on Plates 2 - 5. The formation logs of the two uncompleted test holes are presented in Appendix A.

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Water Well Completion Report  
Casmalia Resources Wells  
August 2, 1982  
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The final well depth was determined on the basis of the depth of the permeable (water-bearing) sands and gravel at each site. Although bedrock was not encountered at any of the sites, the presence of a dry, dense, green-gray to black-gray clay at depths ranging from 35 to 55 feet below ground surface determined the final well depth. The clay is believed to be weathered Sisquoc shale, below which there is not likely any useable ground water.

The design and construction of the four wells are shown on Plates 2 - 5. All wells were cased with 8-inch diameter SDR 21 PVC (plastic) well casing, centered in an 18-inch diameter borehole. The annular space between the casing and the borehole wall is filled with Sisquoc gravel.

Well screen with .040-inch slots was utilized in all four wells in the intervals shown on the construction diagrams. The well screen maximizes casing permeability and lowers water entrance velocities, thus minimizing sand production and maximizing overall well efficiency. The intervals chosen for screen placement were chosen on the basis of formational samples collected during drilling.

Concrete was poured into the annulus in the upper 20 feet of each borehole. The concrete provides a sanitary seal as required by the County of Santa Barbara Environmental Health Department. All seals were inspected and approved by the Health Department. The permits are included in Appendix A.

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TEST PUMPING

Test pumping of each well was conducted in order to evaluate well and aquifer characteristics. The tests consisted of a three to four hour step-drawdown test, a 24-hour constant discharge test, and a one hour recovery test. The water levels and flow rates were monitored and recorded at regular intervals throughout the tests. The test pump data is presented in Tables 1 - 8 and shown graphically on Plates 6 - 17.

Well #1

Plate 6 is a graphic plot of the step-drawdown test conducted on well #1. The graph shows the drawdown of the water level in the well at various discharge rates over a short-term pumping period. Plate 6 indicates that the well is capable of producing a maximum (short-term) yield of 12.5 gallons per minute (gpm). However, at this pumping rate the water level was near the bottom of the well, which is not recommended.

The results of the 24-hour constant discharge test is shown on Table I and Plate 7. Well #1 was pumped at a continuous 10 gpm, resulting in a final pumping level at the end of the test of 22.9 feet below ground surface. The rate of water level decline during the test is shown on Plate 7. The well was pumped at a rate slightly less than the maximum yield in order to minimize water pumping level, maximize well efficiency, and to approximate permanent pumping conditions.

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Table 2 and Plate 8 show the rate of recovery in the well immediately following the constant discharge test. The graph shows that the well received recharge during pumping, resulting in a faster recovery rate than the withdrawal rate.

Well #2

Plate 9 shows the results of the step-drawdown test conducted on well #2. The graph indicates that the well is theoretically capable of producing an estimated maximum short-term (one or two hours) yield of over 40 gpm.

The well was pumped at a continuous 40 gpm for the constant discharge test (Table 3, Plate 10), resulting in a final pumping level of 26.7 feet below ground surface, which was below the upper perforation, but well above the bottom of the well.

Table 4 and Plate 11 show that well #2 recovered at a rate equal to the withdrawal rate, with no apparent loss of storage or limited aquifer problems.

Well #3

Plate 12 shows the results of the step-drawdown test on well #3. The graph shows that with each increased discharge rate, the rate of water level decline increased, resulting in an increasing loss of efficiency at the higher flow rates. The maximum short-term yield of the well is estimated to be approximately 12 - 13 gpm.

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Water Well Completion Report  
Casmalia Resources Wells  
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The well was pumped at a constant 8 gpm for the 24-hour constant discharge test (Table 5, Plate 13). The final pumping level at the end of the 24-hour test was 31.6 feet below ground surface. The decreased rate of water level decline after 250 minutes (see Plate 13) suggests that the well is receiving recharge during pumping. That is also suggested by inspection of the recovery graph (Plate 14).

Well #4

Plate 15 shows the results of the step-drawdown test conducted on well #4. It appears that the maximum short-term pumping rate of the well is approximately 25 gpm.

The well was pumped at 20 gpm for the 24-hour constant discharge test. As the water level declined, the flow rate diminished slightly to a final pumping rate of 17.6 gpm, suggesting that the long term pumping rate should be less than 20 gpm.

The rate of water level recovery at the end of the test is shown on Plate 17. The graph shows that the well was not returning to the original standing water level as fast as the water had been withdrawn, suggesting that the aquifer is somewhat limited in extent and may be over-utilized if pumped too hard.

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WATER QUALITY

Water samples were collected from the wells and sent to Fruit Growers Laboratory for analysis. The complete results are presented in Appendix B. The analyses show that the well water will require reverse osmosis treatment for domestic use.

HYDROLOGIC ANALYSIS

The four new wells penetrate and extract water from the unconsolidated Recent stream alluvium deposited within the past 11,000 years by Casmalia Creek. The optimal annual yield of the aquifer from which the wells withdraw water is related to the average annual replenishment by streamflow. If the pumpage exceeds the rate of recharge, then the aquifer will eventually be depleted.

Without usage histories, well logs, streamflow data, etc., the annual safe yield of the aquifer cannot be accurately determined. The wells withdraw water from a small alluvial aquifer and are therefore dependent on recharge by streamflow. Since recharge is relatively low, the well yields and water levels will fluctuate with the climate. Therefore, we recommend the wells be closely monitored and a history of use be established. The maximum yield of the aquifer can be evaluated.

*Cannot be accurately determined.*

We have recommended, below, pumping rates and maximum operational use schedules for each of the wells. The 24 hours tests indicate that a total of 68 gpm could be withdrawn from all four wells under present aquifer conditions. At that pumping rate approximately 55 acre feet would be produced annually on a 50% operational basis.

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Caution should be observed in using this figure for planning purposes, as outlined below.

Long term well production is limited by the replenishment of water to the aquifer by rainfall. The drainage basin above the wells is 1631 acres. Rainfall is 1975 acre feet per year. Runoff is generally 16% of the rainfall in this type of basin, or about 316 acre feet per year. On the basis of our past experience it is our opinion that about 20% of the runoff will percolate to the wells. Thus, in years of average rainfall the yield of the wells may be on the order of 63 acre feet. During drought years the well yield will likely be about half of average years, or about 31.5 acre feet, which is considered sufficient to meet the estimated project demand of 12 acre-feet per year.

Although the above figures are estimates, there is little doubt that the well and creek supply is adequate for the additional bathrooms and showers proposed, since the production of the four new wells is 68 gpm, compared with 12 gpm that the old well produced.

CONCLUSIONS/RECOMMENDATIONS

1) We recommend that all four wells be pumped at a maximum 50% operational basis (12 hours on and 12 hours off) until an appraisal can be made of the reaction of the aquifer to the stress applied by the increased pumping. The following pumping rates are recommended: well #1 - 10 gpm, well #2 - 40 gpm, well #3 - 8 gpm, and well #4 - 10 gpm. A 50% operational pumping schedule at the recommended pumping rates would produce a maximum of 55 acre-feet per year. Caution should

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be observed when pumping at these rates since the aquifer system is susceptible to diminished yields during droughts, and since well interference may occur when pumping the wells simultaneously.

2) An airline and flow metering device should be installed in each well at the time of permanent pump installation. Water levels and total pumpage should be monitored and recorded on a monthly basis. The data can later be reviewed for evaluation of the ground-water resource.

3) We recommend that a liquid level control device be installed in each well to protect the pump in case of declining water levels. Additionally, centralizers should be used on the column pipe when the pumps are installed, and plastic column pipe with torque arrestors should be used because of the corrosive nature of the water.

4) The well water will require reverse osmosis treatment to reduce the levels of total dissolved solids to acceptable levels for domestic use.

5) The water quality analyses do not show any sign of contamination from the adjacent waste disposal site. However, we recommend regular monitoring of the well water of wells in use due to the proximity of the disposal site.

6) The wells should be disinfected after permanent pump installation, then sampled for bacteria by the Environmental Health Department.

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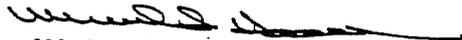
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Page Nine

7) All old wells should be destroyed in accordance with State standards so that they do not provide conduits for contamination of the aquifer.

.....

If you should have any questions concerning this report, please do not hesitate to call us.

Sincerely,  
Hoover & Associates, Inc.

  
Michael F. Hoover  
President

Paul A. Sorensen  
Project Geologist

MFH/PAS/js

TSC 215864

TABLE I  
 CONSTANT DISCHARGE TEST  
 WELL #1

Time Since Test Started (min.)	Discharge (gpm)	Water Level (ft.)	Drawdown (ft.)
0	0	11.5	-
1	15	16.6	5.1
2	15	18.7	7.2
3	15	20.9	9.4
5	15	23.0	11.5
7	10	22.9	11.4
10	10	22.9	11.4
15	10	22.5	11.0
20	10	22.4	10.9
25	10	22.1	10.6
30	10	21.9	10.4
40	10	21.8	10.3
50	10	22.1	10.6
110	10	22.2	10.7
140	10	21.9	10.4
170	10	22.0	10.5
200	10	22.0	10.5
230	10	22.1	10.6
260	10	22.5	11.0
290	10	22.6	11.1
350	10	22.6	11.1
410	10	22.0	10.5
470	10	22.3	10.8
530	10	22.4	10.9
590	10	22.3	10.8
650	10	22.5	11.0
710	10	22.7	11.2
770	10	22.7	11.2
830	10	22.8	11.3
890	10	22.7	11.2
950	10	22.6	11.1
1010	10	22.5	11.0
1020	10	22.4	10.9
1130	10	22.5	11.0
1190	10	22.7	11.2
1250	10	22.7	11.2
1310	10	22.8	11.3
1370	10	22.8	11.3
1440	10	22.9	11.4

TABLE 2  
RECOVERY TEST  
WELL #1

Time Since Test Started (t)	Time Since Test Ended (t')	t/t'	Water Level (ft.)	Residual Drawdown (ft.)
1440	0	-		
1441	1	1441	22.9	11.4
1442	2	721	19.8	8.3
1443	3	481	17.9	6.4
1445	5	289	16.9	5.4
1447	7	207	15.5	4.0
1450	10	145	14.9	3.4
1453	13	112	14.1	2.6
1456	16	91	13.5	2.0
1460	20	73	13.2	1.7
1465	25	59	13.0	1.5
1470	30	49	12.7	1.2
1475	35	42	12.5	1.0
1480	40	37	12.3	0.8
1490	50	30	12.2	0.7
			12.2	0.6

TABLE 3  
 CONSTANT DISCHARGE TEST  
 WELL #2

Time Since Test Started (min.)	Discharge (gpm)	Water Level (ft.)	Drawdown (ft.)
0	0	16.9	-
2	40	22.0	5.1
5	40	22.7	5.8
7	40	23.8	6.9
10	40	23.0	6.1
15	40	23.1	6.2
20	40	23.3	6.4
25	40	23.4	6.5
30	40	23.5	6.6
35	40	23.7	6.8
60	40	24.0	7.1
90	40	24.1	7.2
120	40	24.4	7.5
150	40	24.5	7.6
180	40	24.7	7.8
210	40	24.8	7.9
270	40	25.0	8.1
330	40	25.1	8.2
390	40	25.1	8.2
450	40	25.5	8.6
510	40	25.7	8.8
570	40	25.9	9.0
630	40	25.9	9.0
690	40	26.0	9.1
750	40	26.1	9.2
810	40	26.1	9.2
870	40	26.1	9.2
930	40	26.1	9.2
990	40	26.2	9.3
1050	40	26.2	9.3
1110	40	26.2	9.3
1170	40	26.2	9.3
1230	40	26.3	9.4
1290	40	26.3	9.4
1350	40	26.3	9.4
1440	40	26.2	9.3
		26.7	9.8

TABLE 4  
RECOVERY TEST  
WELL #2

Time Since Test Started (t)	Time Since Test Ended (t')	t/t'	Water Level (ft.)	Residual Drawdown (ft.)
1440	0	-	26.7	9.8
1441	1	1441	21.1	4.2
1445	5	289	20.5	3.6
1447	7	207	20.4	3.5
1450	10	145	20.2	3.3
1453	13	112	20.0	3.1
1456	16	91	19.9	3.0
1460	20	73	19.8	2.9
1465	25	59	19.7	2.8
1470	30	49	19.5	2.6
1480	40	37	19.4	2.5
1490	50	30	19.1	2.2
1500	60	25	19.0	2.1

TABLE 5  
 CONSTANT DISCHARGE TEST  
 WELL #3

Time Since Test Started (min.)	Discharge (gpm)	Water Level (ft.)	Drawdown (ft.)
0	0	17.5	Standing Level
1	8	17.9	0.4
2	8	18.2	0.7
3	8	18.5	1.0
4	8	18.9	1.4
5	8	19.2	1.7
6	8	19.5	2.0
7	8	19.7	2.2
8	8	20.1	2.6
9	8	20.4	2.9
10	8	20.9	3.4
11	8	21.3	3.8
12	8	21.8	4.3
13	8	22.2	4.7
14	8	22.3	4.8
15	8	22.5	5.0
20	8	22.9	5.4
25	8	23.7	6.2
30	8	24.3	6.8
35	8	24.9	7.4
40	8	25.3	7.8
45	8	25.8	8.3
50	8	26.3	8.8
60	8	26.6	9.1
65	8	26.8	9.3
70	8	27.1	9.6
75	8	27.3	9.8
90	8	28.4	10.9
120	8	29.0	11.5
150	8	29.5	12.0
180	8	30.0	12.5
210	8	30.2	12.7
240	8	30.5	13.0
270	8	30.9	13.4
300	8	30.9	13.4
330	8	31.0	13.5
360	8	31.0	13.5
390	8	31.1	13.6
420	8	31.1	13.6
450	8	31.1	13.6
480	8	31.2	13.7

CONSTANT DISCHARGE TEST

WELL #3

(continued)

Time Since Test Started (min.)	Discharge (gpm)	Water Level (ft.)	Drawdown (ft.)
510	8	31.2	13.7
540	8	31.3	13.8
570	7.9	31.3	13.8
600	7.9	31.3	13.8
630	7.7	31.3	13.8
690	7.7	31.2	13.7
750	7.5	31.1	13.6
810	7.5	31.1	13.6
870	7.5	31.1	13.6
930	7.5	31.1	13.6
990	7.5	31.2	13.7
1050	7.5	31.2	13.7
1110	7.5	31.3	13.8
1170	7.5	31.2	13.7
1230	7.5	31.3	13.8
1290	7.5	31.3	13.8
1350	7.5	31.4	13.9
1410	7.5	31.5	14.0
1440	7.5	31.6	14.1

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TABLE 6  
RECOVERY TEST

WELL #3

Time Since Test Started (t)	Time Since Test Ended (t')	t/t'	Water Level (ft.)	Residual Drawdown (ft.)
1440	0	-	31.6	-
1441	1	1441	29.5	12.0
1443	3	481	28.4	11.9
1445	5	289	26.9	9.4
1449	9	161	24.9	7.4
1454	14	104	22.9	5.4
1460	20	73	20.7	3.2
1470	30	49	19.3	1.8
1480	40	37	18.9	1.4
1490	50	30	18.8	1.3

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TABLE 7  
 CONSTANT DISCHARGE TEST  
 WELL #4

Time Since Test Started (min.)	Discharge (gpm)	Water Level (ft.)	Drawdown (ft.)
0	0	10.4	Standing Level
1	20	16.9	6.5
2	20	18.6	8.2
3	20	19.7	9.3
5	20	20.2	9.8
7	20	20.9	10.5
10	20	22.0	11.6
15	20	23.1	12.7
25	20	24.8	14.4
35	20	26.1	15.7
45	20	27.6	17.2
55	20	28.4	18.0
70	20	29.5	19.1
85	20	30.3	19.9
100	20	31.6	21.2
115	20	32.3	21.9
145	20	33.1	22.7
175	20	34.0	23.6
205	20	35.0	24.6
235	20	35.7	25.3
265	20	36.4	26.0
295	20	37.0	26.6
325	20	37.7	27.3
385	20	39.1	28.7
445	18.7	39.7	29.3
505	18.7	39.7	29.3
565	18.7	40.2	29.8
625	18.7	40.4	30.0
685	18.7	41.0	30.6
745	18.6	41.5	31.1
805	17.6	41.8	31.4
865	17.6	42.2	31.8
925	17.6	43.5	32.1
985	17.6	43.5	32.1
1045	17.6	43.5	32.1
1105	17.6	43.5	32.1
1165	17.6	43.7	32.3
1225	17.6	43.9	32.5
1285	17.6	44.0	32.6
1345	17.6	44.0	32.6
1405	17.6	44.0	32.6
1440	17.6	44.0	32.6

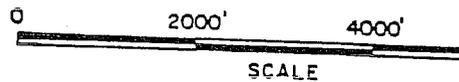
TSC 215872

TABLE 8  
RECOVERY TEST  
WELL #4

Time Since Test Started (t)	Time Since Test Ended (t')	t/t'	Water Level (ft.)	Residual Drawdown (ft.)
1440	0	-	44.0	-
1441	1	1441	41.7	31.3
1442	2	721	40.4	30.0
1443	3	481	39.1	28.7
1445	5	289	37.3	26.9
1447	7	207	36.1	25.7
1450	10	145	34.9	24.5
1455	15	97	33.5	23.1
1460	20	73	32.4	22.0
1465	25	59	31.6	21.2
1470	30	49	30.9	20.5
1480	40	37	29.9	19.5
1490	50	30	29.1	18.7
1500	60	25	28.3	17.9



WELL LOCATIONS MAP  
CASMALIA RESOURCES



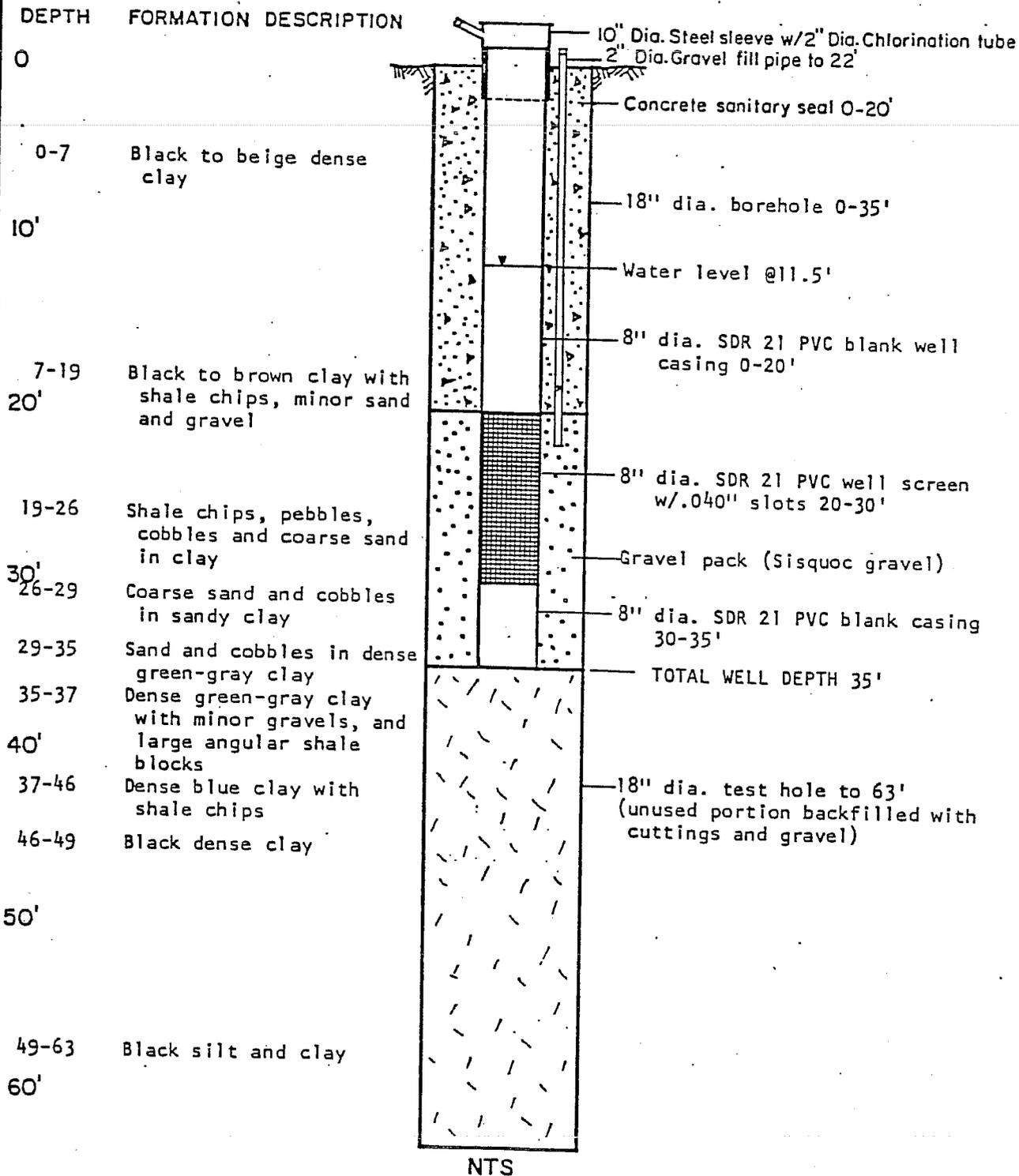
VPS #s - 386 Map #  
055 - #1  
056 - #2  
057 - #3  
058 - #4

HOOVER & ASSOCIATES, INC.  
Geologists - Hydrologists

Plate 1

By            Date

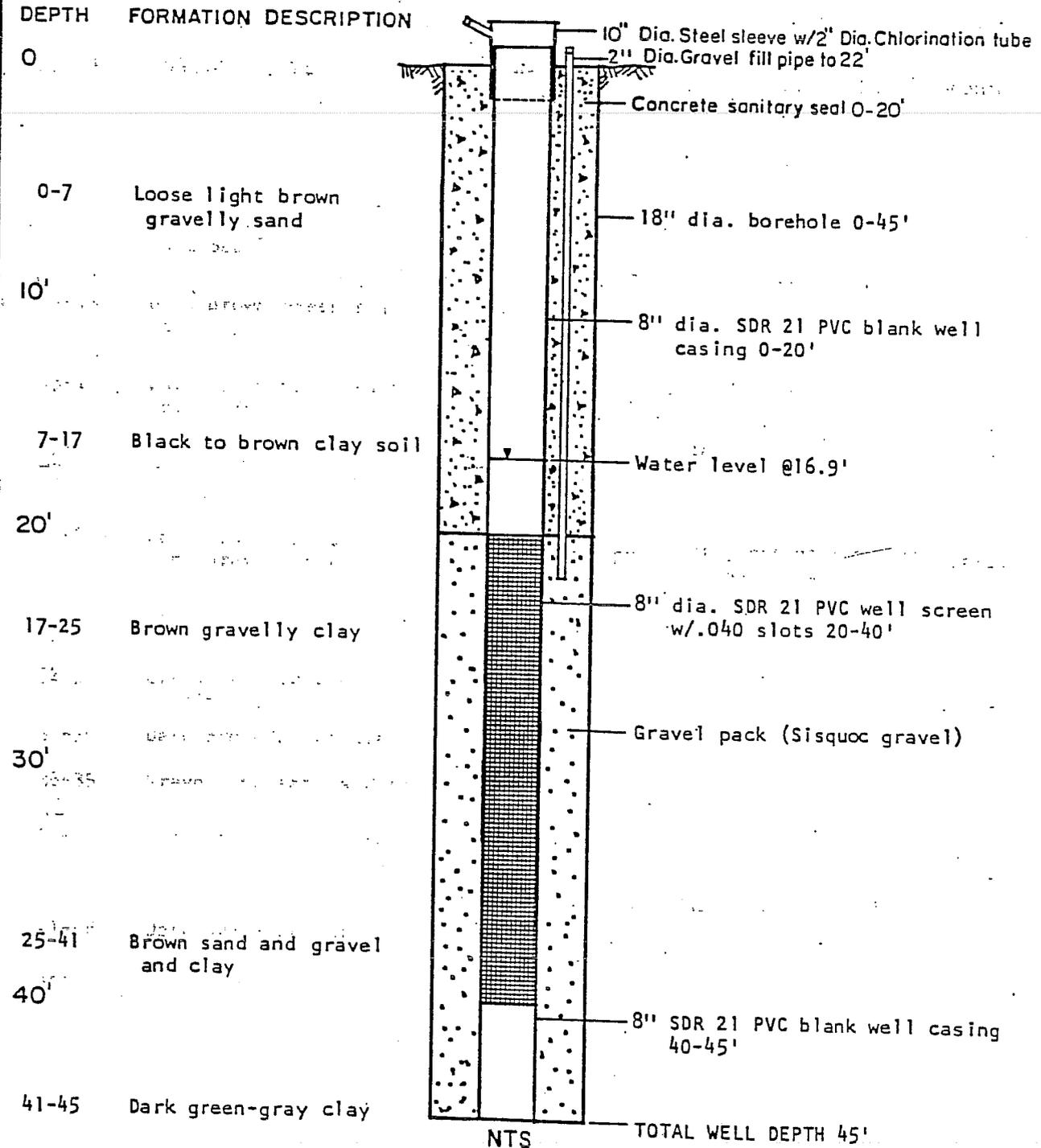
# WELL CONSTRUCTION DIAGRAM AND FORMATION LOG WELL NO.1



TSC 215875

HOOVER & ASSOCIATES, INC.  
Geologists - Hydrologists

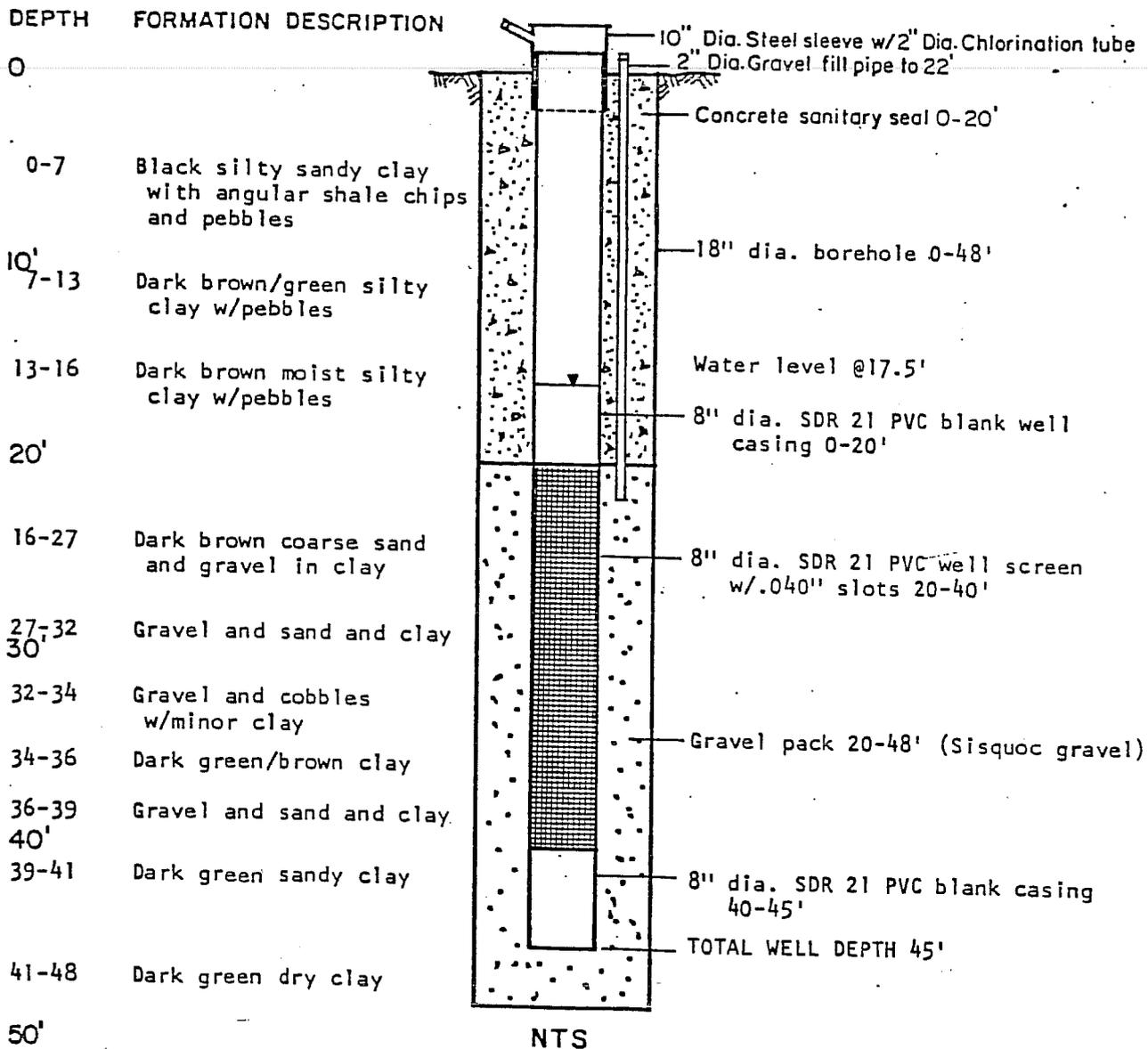
# WELL CONSTRUCTION DIAGRAM AND FORMATION LOG WELL NO.2



TSC 215876

HOOVER & ASSOCIATES, INC.  
Geologists - Hydrologists

# WELL CONSTRUCTION DIAGRAM AND FORMATION LOG WELL NO. 3



TSC 215877

HOOVER & ASSOCIATES, INC.  
Geologists - Hydrologists

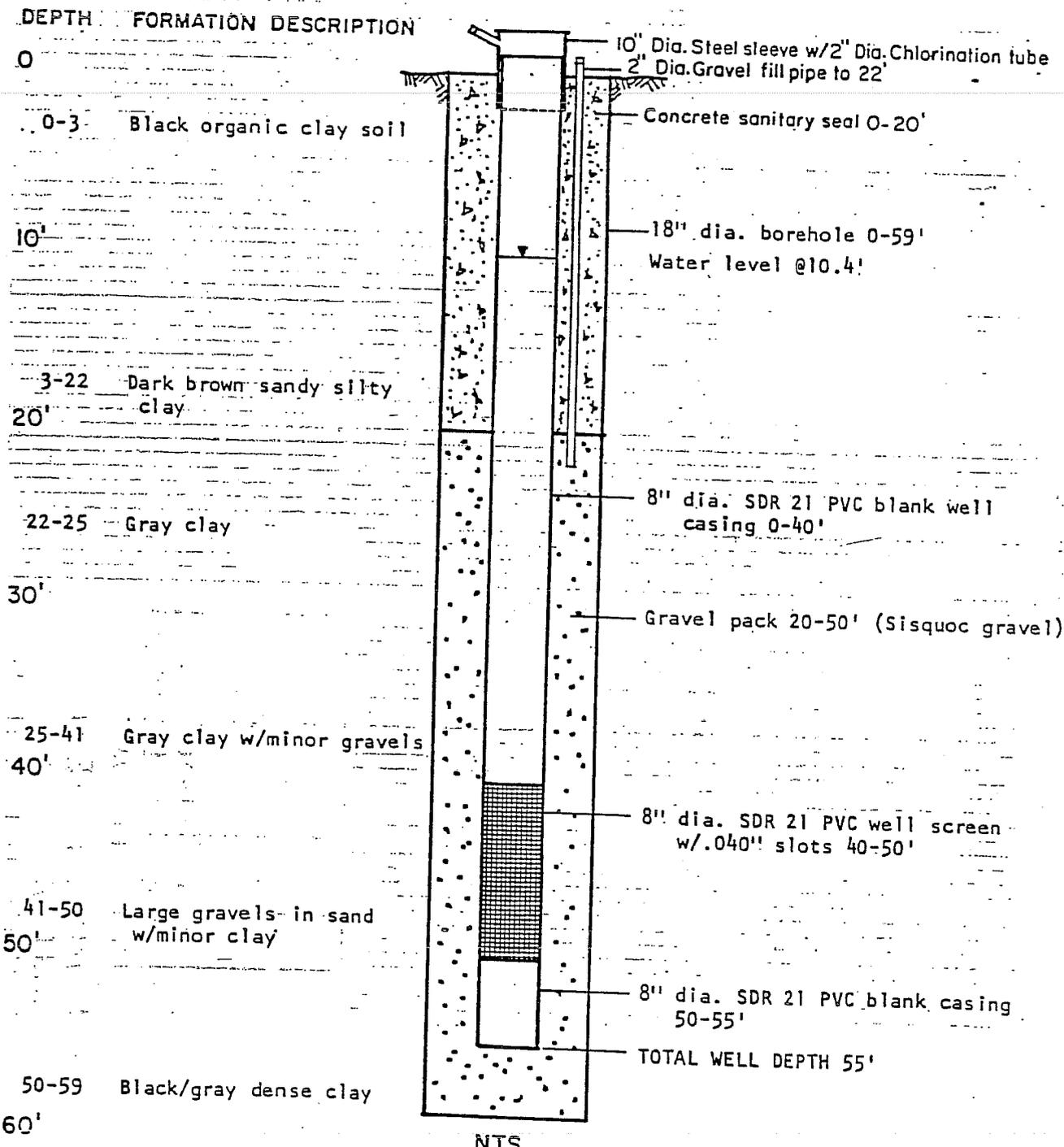
Plate 4

34

File

By \_\_\_\_\_ Date \_\_\_\_\_

# WELL CONSTRUCTION DIAGRAM AND FORMATION LOG WELL NO. 4



TSC 215878

HOOVER & ASSOCIATES, INC.  
Geologists - Hydrologists

File

By \_\_\_\_\_ Date \_\_\_\_\_

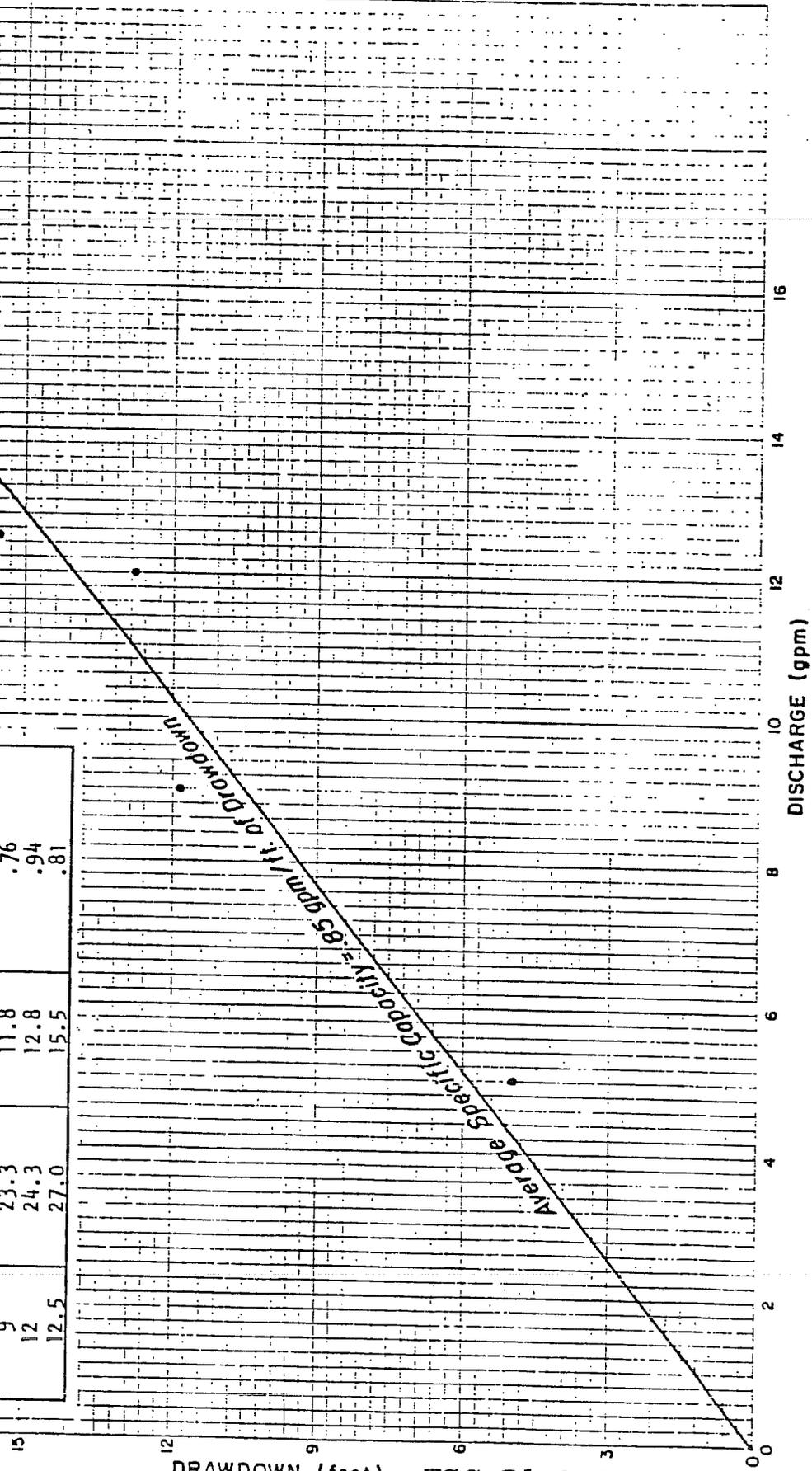
35

VOIU UP

REMARKS: THE RESULTS OF THIS TEST WERE USED TO DETERMINE THE CAPACITY OF THE WELL.

WELL NO. 1  
**STEP-DRAWDOWN TEST**  
 1-HOUR PUMP INTERVALS

Discharge (gpm)	Water Level (feet)	Drawdown (feet)	Specific Capacity (gpm/ft. drawdown)
0	11.5	-	-
5	17.0	5.5	.91
9	23.3	11.8	.76
12	24.3	12.8	.94
12.5	27.0	15.5	.81



40 0213

Mc NEUFEL & ESSER CO. MADE IN U.S.A.

37

PUMPING LEVEL (feet)

# WELL NO. 1 CONSTANT DISCHARGE TEST

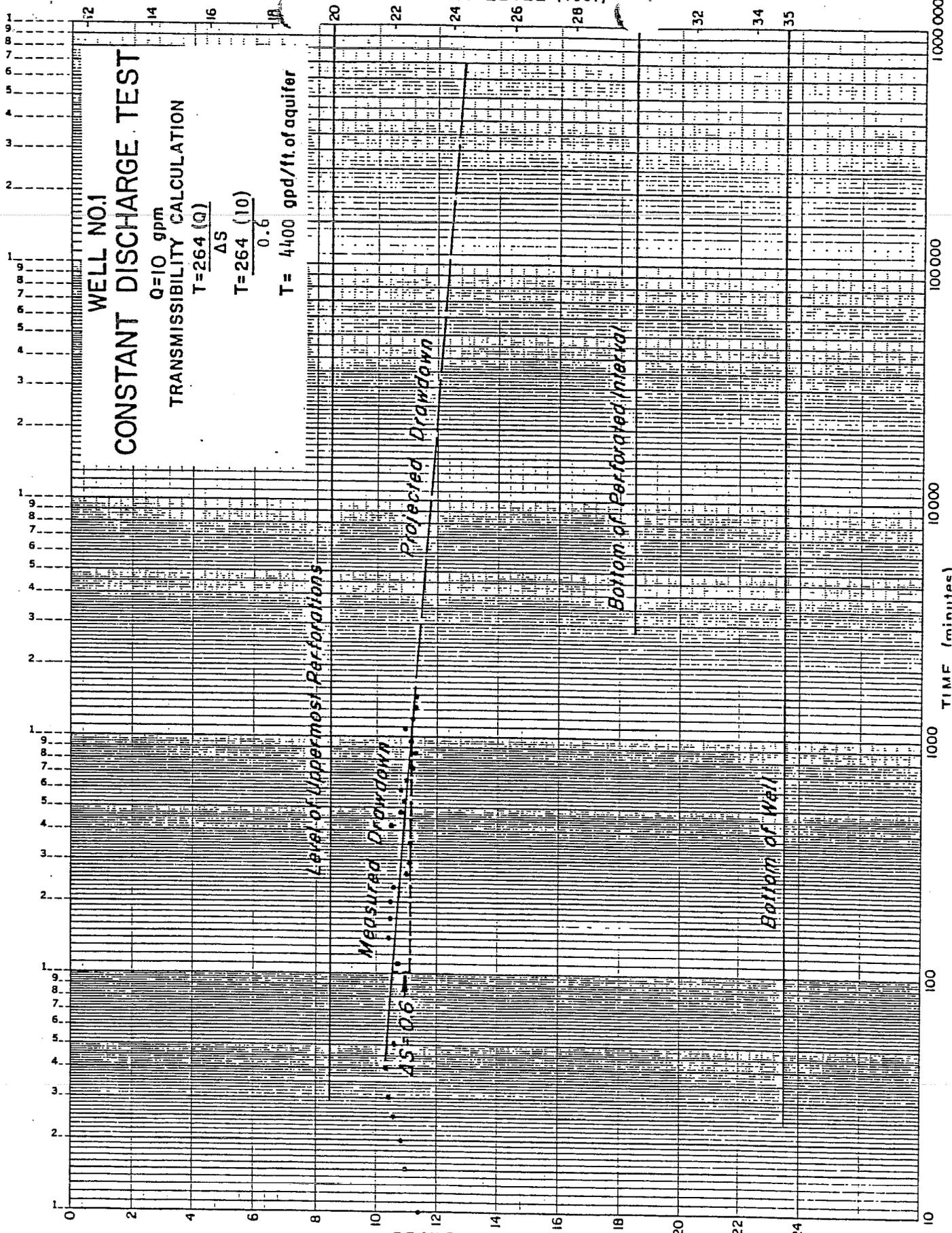
TRANSMISSIBILITY CALCULATION

$$Q = 10 \text{ gpm}$$

$$T = \frac{264(Q)}{\Delta S}$$

$$T = \frac{264(10)}{0.6}$$

T = 4400 gpd/ft. of aquifer



DRAWDOWN (feet)

TIME (minutes)

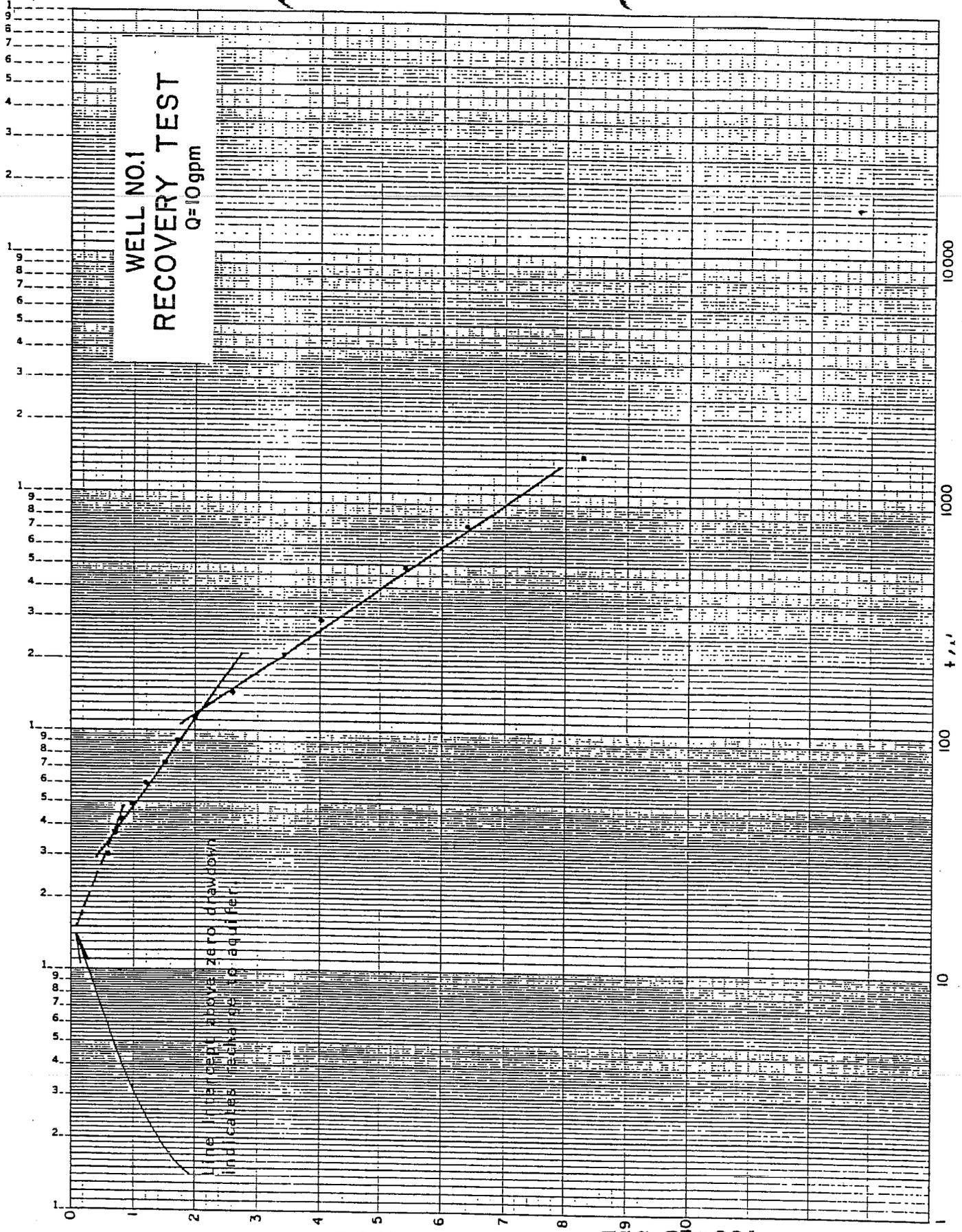
TSC 215880

Plate 7

46 6213

K&E SEMI-LOGARITHMIC 5 CYCLES X 70 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

WELL NO.1  
RECOVERY TEST  
Q=10gpm



RESIDUAL DRAWDOWN (feet) TSC 215881

Plate 8

38

# WELL NO. 2 STEP-DRAWDOWN TEST

1-HOUR PUMP INTERVALS

Discharge (gpm)	Water Level (feet)	Drawdown (feet)	Specific Capacity (gpm/ft. drawdown)
0	16.0	-	-
10	18.1	2.1	4.76
20	19.6	3.6	5.56
30	21.9	5.9	5.08
40	24.3	8.3	4.82

10

8

6

DRAWDOWN (feet)

TSC 215882<sup>2</sup>

Plate 9

0

5

10

15

20

25

30

35

40

DISCHARGE (gpm)

Average Specific Capacity F 5.0 gpm/ft. of Drawdown

Average Specific Capacity

46 6213

WELLS & WATER DIVISION  
KELIFFE & ESSER CO. MADE IN U.S.A.

PUMPING LEVEL (feet above ground surface)

# WELL NO. 2 CONSTANT DISCHARGE TEST

TRANSMISSIBILITY CALCULATION  
Q = 40 gpm  
T =  $\frac{264(Q)}{\Delta S}$

T =  $\frac{264(40)}{1.8}$   
T = 5867 gpd/ft. of aquifer

Level of Uppermost Perforations

Measured Drawdown

Projected Drawdown

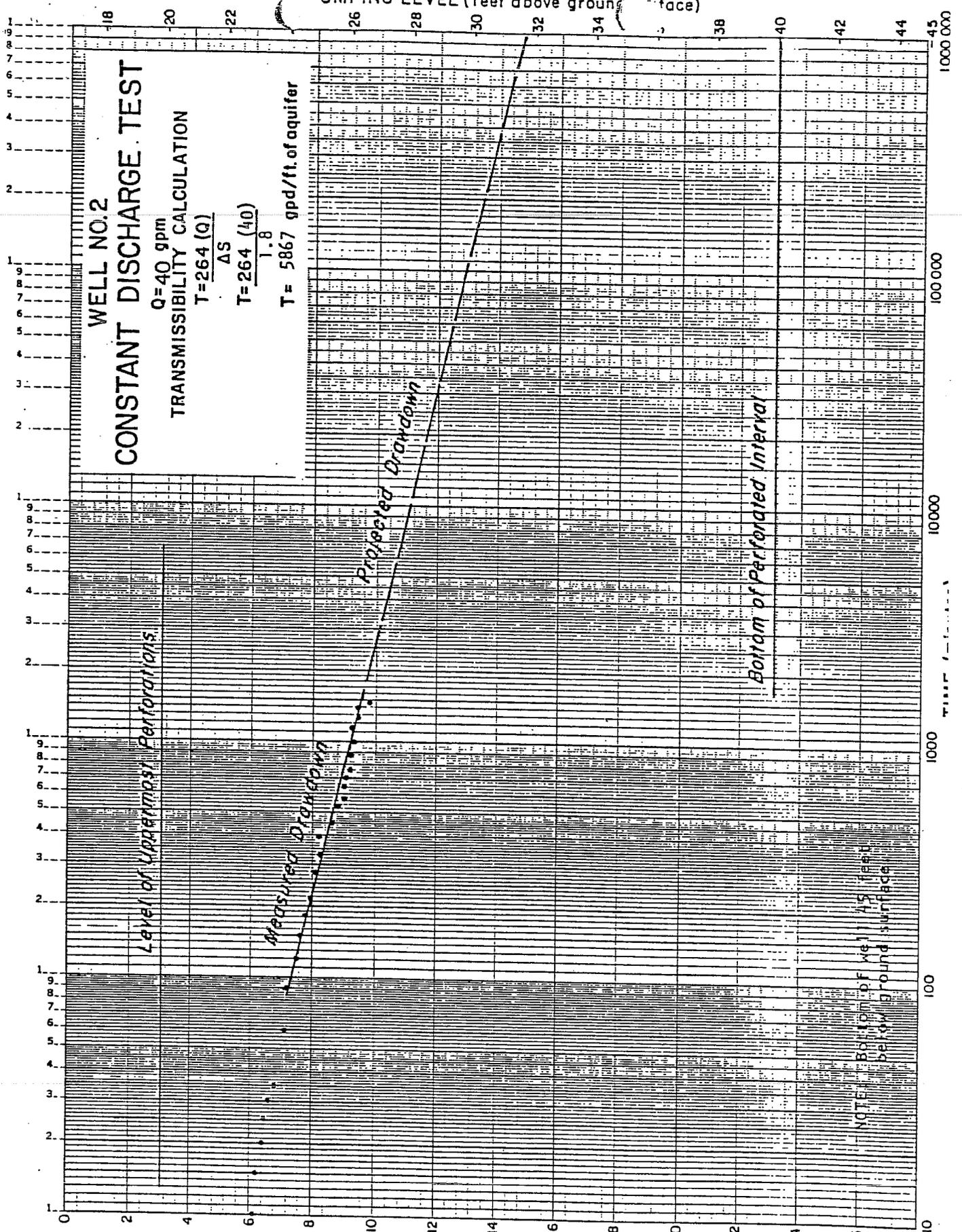
Bottom of Perforated Interval

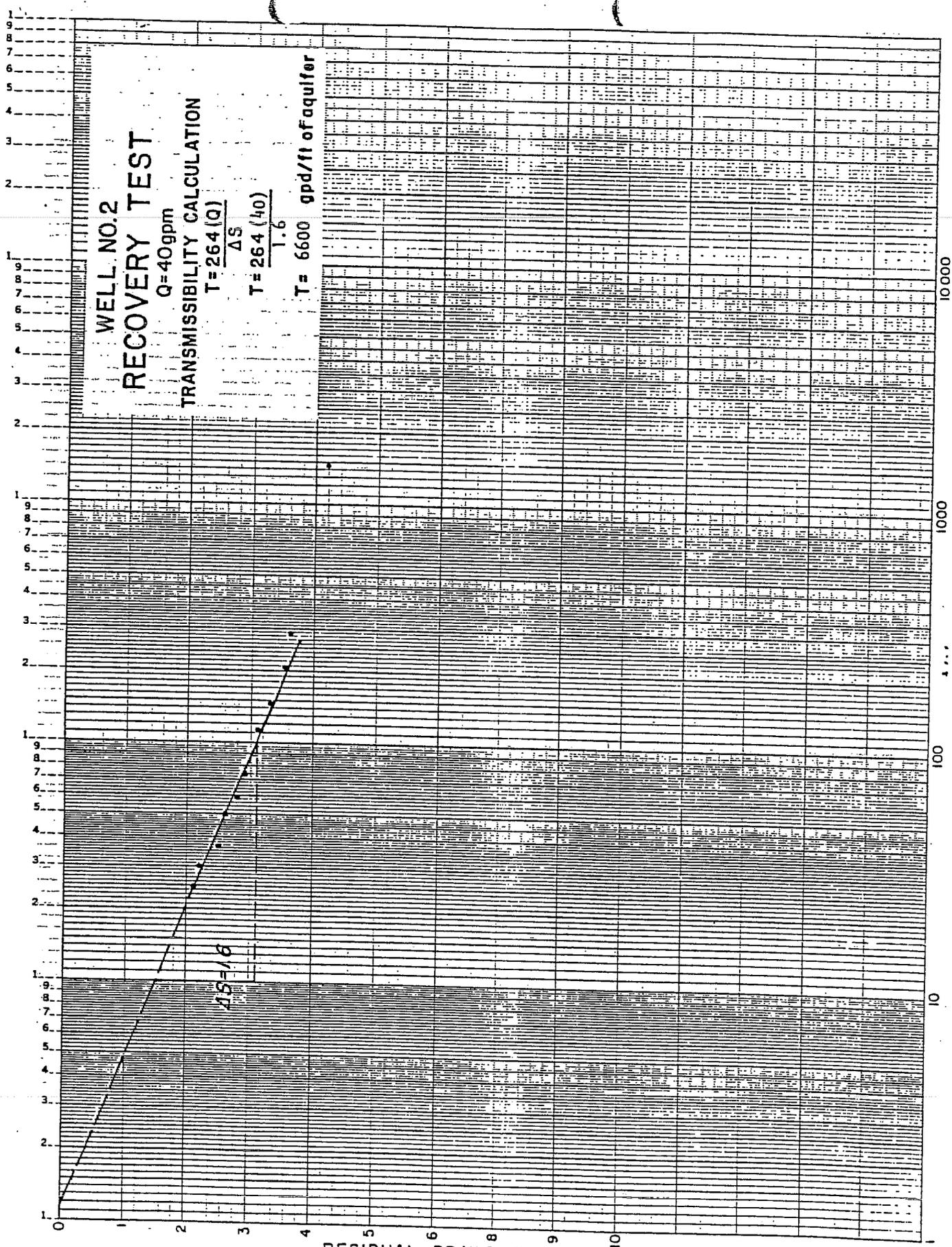
NOTE: Bottom of Well is 1.8 feet below ground surface

DRAWDOWN (feet below standing level)

TSC 215883 Plate 10

40



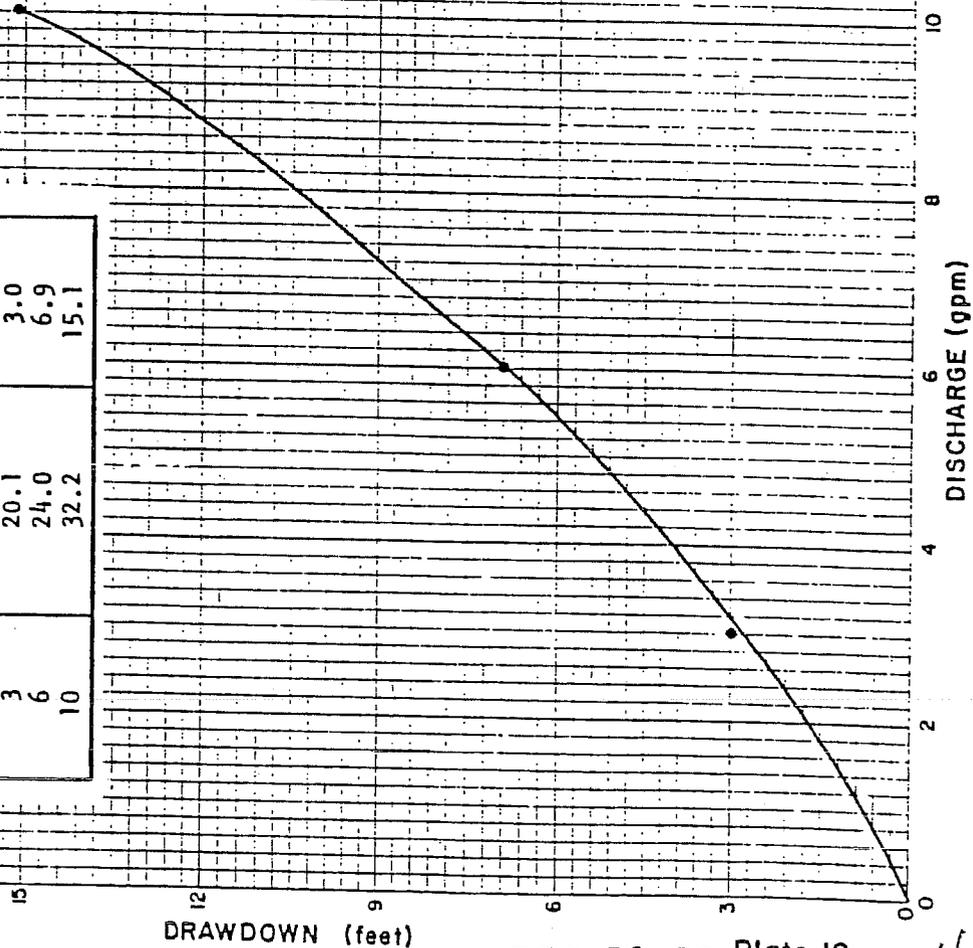


1010 d4

14-72 RICHIE & EPPICH CO. MADE IN U.S.A. 1 1/2" x 10" INCHES

**WELL NO.3**  
**STEP-DRAWDOWN TEST**

ONE-HOUR PUMP INTERVALS	
Discharge (gpm)	Pumping Level (feet)
0	17.1
3	20.1
6	24.0
10	32.2



TSC 215885 Plate 12

42

**WELL NO.3  
CONSTANT DISCHARGE TEST**

Q = .8 gpm

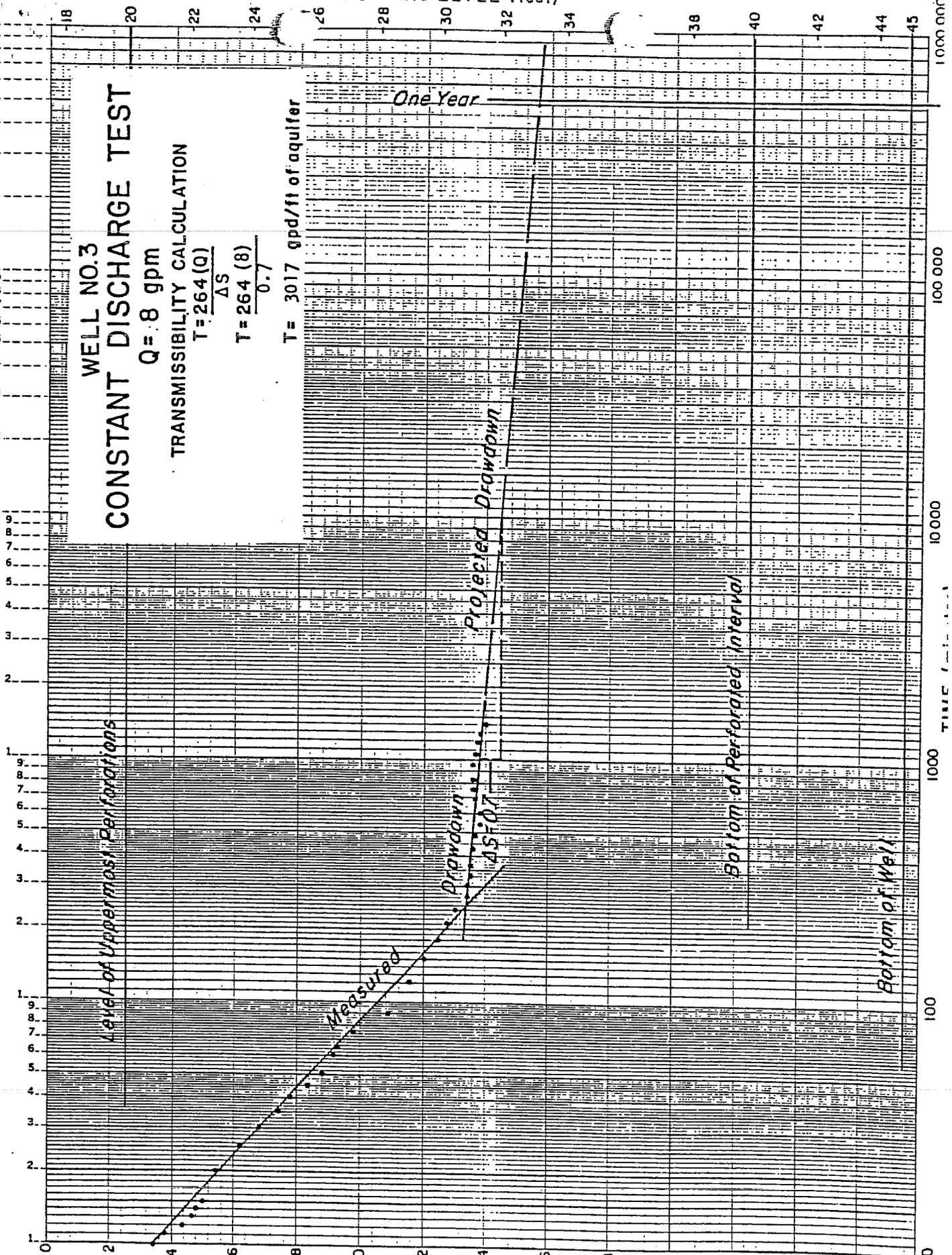
TRANSMISSIBILITY CALCULATION

$$T = \frac{264(Q)}{\Delta S}$$

$$T = \frac{264(8)}{0.7}$$

T = 3017 gpd/ft of aquifer

PUMPING LEVEL (feet)



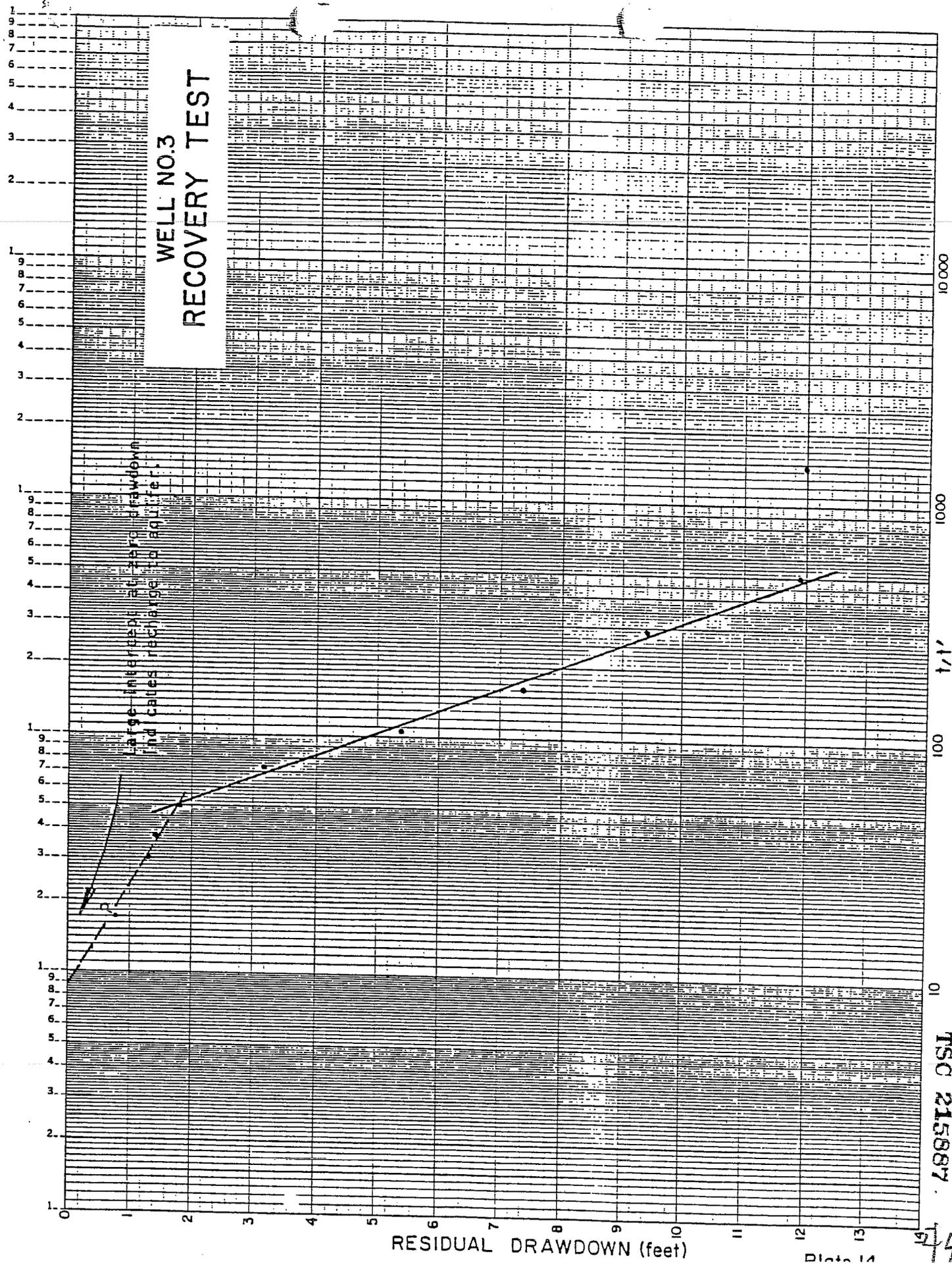
TSC 215886

Plate 13

4

# WELL NO.3 RECOVERY TEST

Large intervals of zero drawdown and rates recharge to aquifer



0000 10

0000 10

1/1

001

01

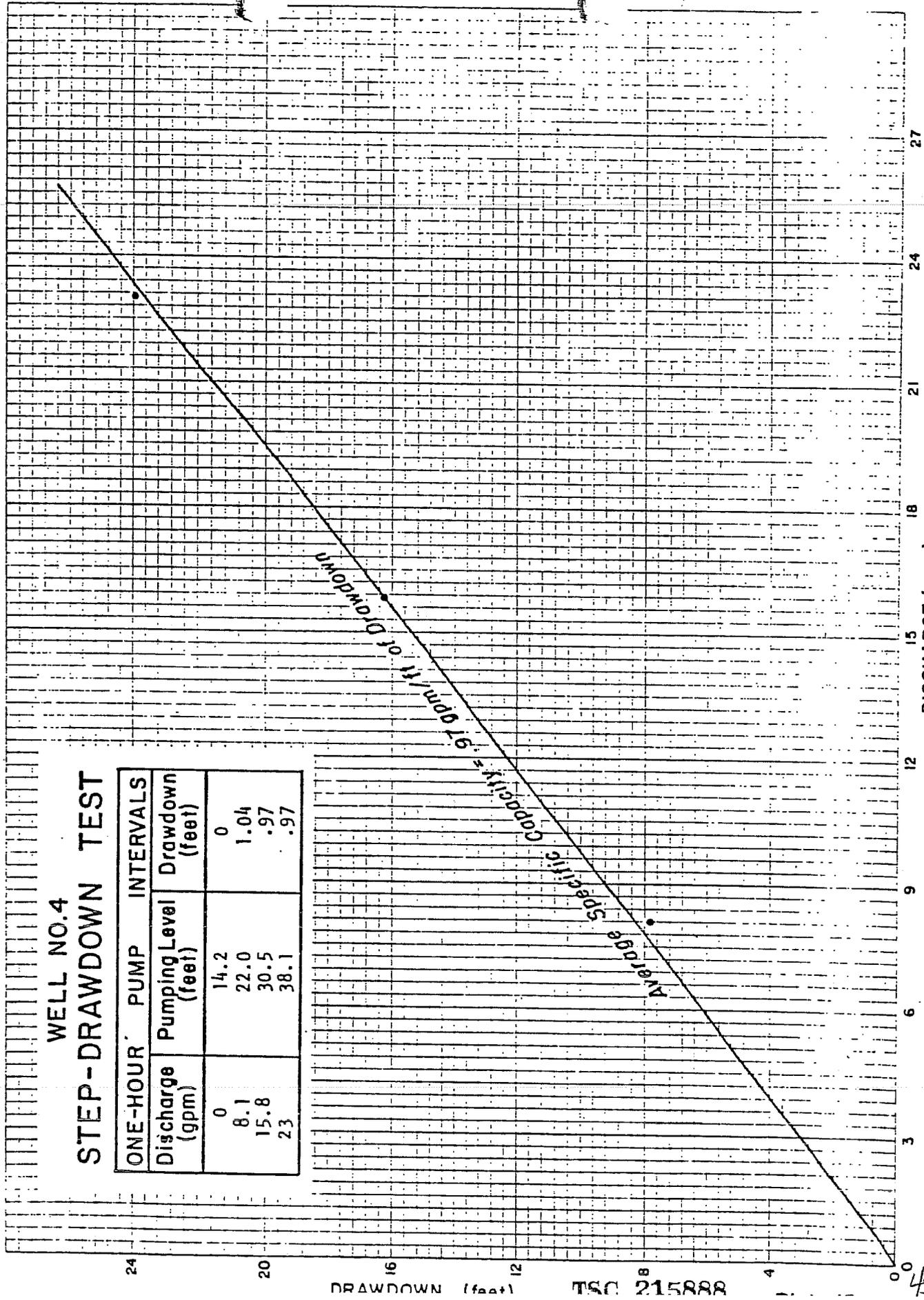
TSC 215887

1/1

## WELL NO. 4 STEP-DRAWDOWN TEST

ONE-HOUR PUMP INTERVALS	
Discharge (gpm)	Pumping Level (feet) / Drawdown (feet)
0	14.2 / 0
8.1	22.0 / 1.04
15.8	30.5 / .97
23	38.1 / .97

Average Specific Capacity = 97 gpm/ft of Drawdown



TSC 215888

WELL NO. 4  
**CONSTANT DISCHARGE TEST**

Q = 20 gpm

TRANSMISSIBILITY CALCULATION

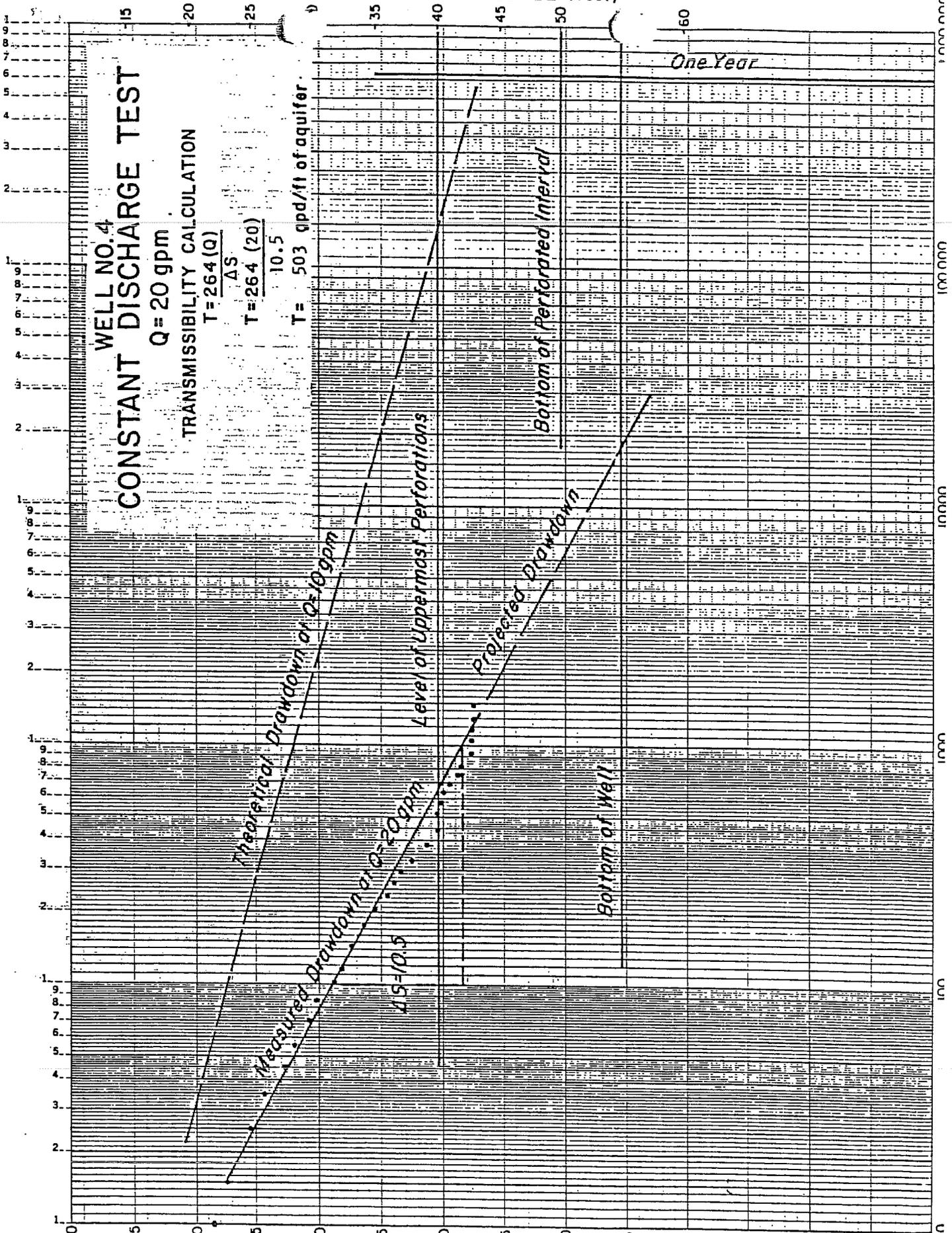
$$T = \frac{264(Q)}{\Delta S}$$

$$T = \frac{264(20)}{10.5}$$

$$T = 503 \text{ gpd/ft of aquifer}$$

PUMPING LEVEL (feet)

One Year



DRAWDOWN (feet)

TSC 215889

Plate 16

# WELL NO. 4 RECOVERY TEST

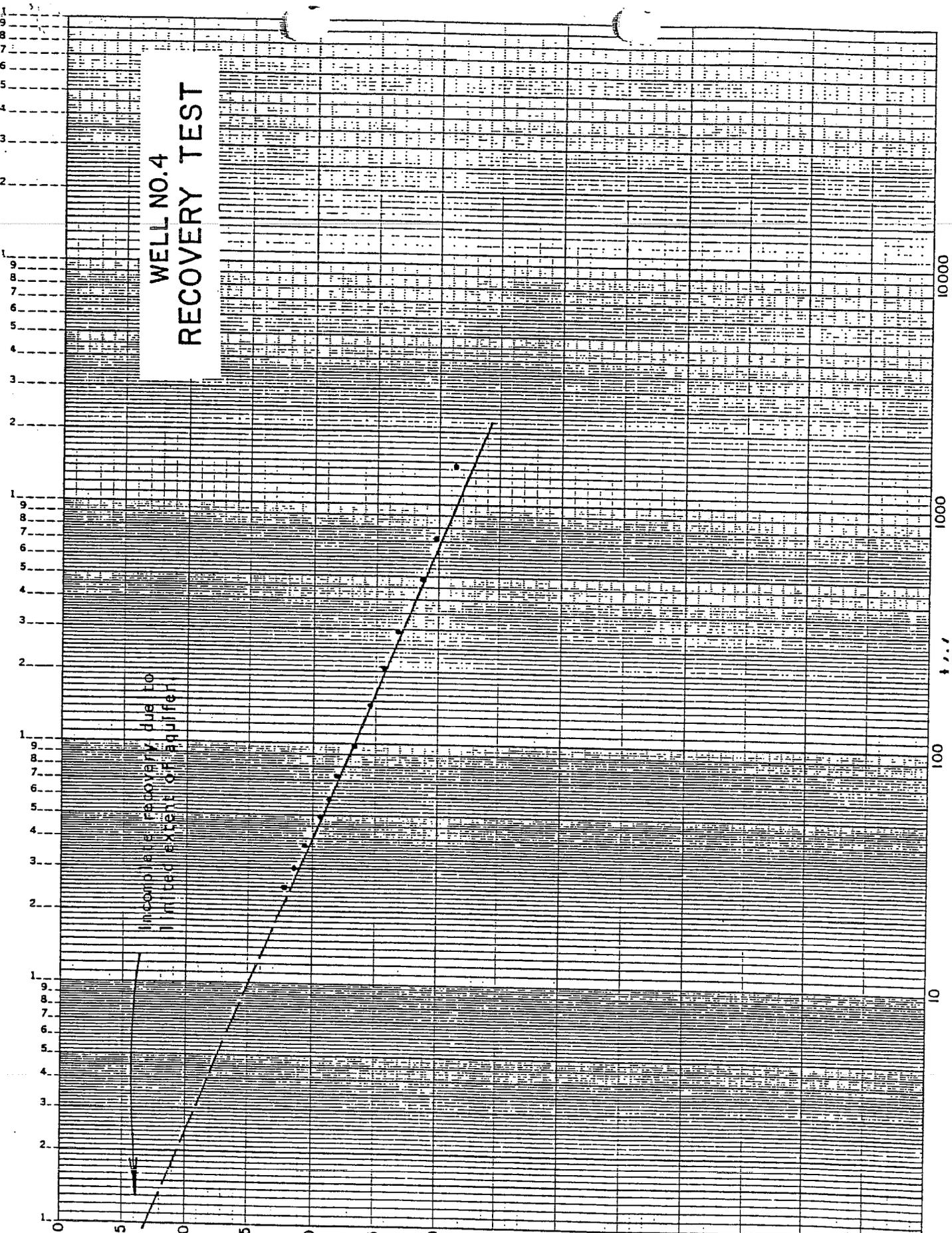
Incomplete recovery due to limited extent of aquifer

RESIDUAL DRAWDOWN (feet)

TSC 215890

Plate 17

4-



APPENDIX A

1. Formation Logs - Test Holes A and B
2. Well Drilling Permits
3. Drillers Logs

TEST HOLE A

<u>Depth</u>	<u>Formation Description</u>
0 - 3	Light brown. gravelly sandy soil
3 - 31	Black to brown weathered shale clay soil
31 - 36	Shale chips, pebbles in brown clay
36 - 42	Coarse sand, pebbles in sandy clay
42 - 46	Coarse gravelly clay
46 - 48	First water @ 47' - clay
48 - 54	Brown to orange-brown shale gravels in clay
54 - 64	Black-green clay

TEST HOLE B

---

<u>Depth</u>	<u>Formation Description</u>
0 - 2	Black organic clay soil
2 - 25	Brown silty clay w/shale chips H <sub>2</sub> O @ 19'
25 - 29	Brown gravelly clay
29 - 34	Gray sandy clay
34 - 46	Green gravelly clay
46 - 49	Gravel in sand & clay
49 - 56	Dark grey clay

WELL PERMIT APPLICATION

PERMIT NO. 2110

Page 1 of 2 pages

Environmental Health Division  
Santa Barbara County Health Care Services

Well #1

Date: / /

Name of Well Owner: Kenneth H. Hunter, Jr.

Mailing Address: P. O. Box 5275 Santa Barbara, CA 93108 805-9694703  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-260-06 Street Address Casmalia Resources, NTU  
Township T 9 N Range R 35 W Section 15 Rancho CASMALIA Bo.

Name of Well Driller: Jim Overcash

Company Name: Tri Valley Drilling

Business Address: 108 N. Saticoy St., Ventura, CA 93004

Date of Work

Drill Contractor's License No. Equipment rented by Ken Hunter

Start / / Finish / /

WATER SOURCE: Public  Private  None  Ex. well to be used only for agriculture

Well Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input checked="" type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input type="checkbox"/>	Cable <input type="checkbox"/>
Construction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Rotary bucket
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 40 ft.

Casing Information

Bore Diam 24 in.

Type: Steel  PVC  Other

Casing Material (Check)

Wall/Gage \_\_\_\_\_ in.

Cement  Clay

Diameter 10 in.

Grout  Concrete

Annular Seal Depth 10 ft.

Additional Work Description: Well to be completed and sealed by Floyd Wells, Santa Maria. Hole to be drilled by owner using Tri Valley rig.

Department Use Only

Disposition:

Sealed

Abandoned

Notes \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Kenneth H. Hunter, Jr. 4/12/92

Applicant: By Kenneth J. Caldwell, Civil Engineer Date

Fee paid on / /

S.B.  Sol

Permit No. \_\_\_\_\_

Name \_\_\_\_\_

S.M.  Low

Date \_\_\_\_\_

NOT SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. MUST BE FILED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES

URS # 028

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 4/29/82

Name of Well Owner Kenneth H. Hunter, Jr.

Mailing Address P. O. Box 5275 Santa Barbara, CA 93108 805-9694703  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-260-06 Street Address Casmalia Resources, NTU 1

Township ~~T 9 N~~ Range ~~R 35 W~~ Section 15 Rancho CASMALIA Ro.

Name of Well Driller ~~Jim Overcash~~ FLOYD WELLS

Company Name Tri Valley Drilling

Business Address 1337 W BERTHMANIA  
108 N. Saticoy St., Ventura, CA 93004

Date of Work

Contractor's License No. Equipment rented by Ken Hunter Start / / Finish / /

WATER SOURCE: Public  Private  None  Ex. well to be used only for agriculture

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input checked="" type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Rotary bucket
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 40 ft.

Casing Information

Well Bore Diam 24 in.

Type: Steel  PVC  Other

Sealing Material (Check)

Wall/Gage      in.

Neat Cement  Clay

Diameter 10 in.

Cement Grout  Concrete

Annular Seal Depth 10 ft.

Additional Work Description: Well to be completed and sealed by Floyd Wells, Santa Maria  
Hole to be drilled by owner using Tri Valley rig.

For Department Use Only

Application Disposition:

Approved

Denied

Comments     

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Kenneth H. Hunter, Jr. 4/29/82

Applicant By Norman H. Caldwell, Civ. Engr. Date

\$45 Fee paid on 4/29/82

Receipt No. 583939

Brenda J. King  
Name

S.B.  Sol

April 28, 1982  
Date

S.M.  Lom

WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. HEALTH OFFICER SHALL BE NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES ONE YEAR FROM DATE ISSUED.

2

Environmental Health Division  
Santa Barbara County Health Care Services

Well #2

Date / /

Well Owner Kenneth H. Hunter, Jr.  
Mailing Address P. O. Box 5275 Santa Barbara Ca. 93108 805-969-5897  
Street, P.O. City State Zip Code Telephone

Site Location: Vicinity Map Attached  (Check)  
Owner's Parcel No. 113-260-01 113-220-12 Street Address N T U Road  
Casmalia Resources  
Rancho Casmalia  
T 9 N Range R 35 W Section 15

Well Driller Jim Overcash  
Company Name Tri Valley Drilling  
Business Address 108 N. Saticoy St., Ventura, Calif. 93004 Date of Work  
Driller's License No. Equipment rented by Ken Hunter Start / / Finish / /

Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input checked="" type="checkbox"/>	Rotary <input type="checkbox"/>
Modification <input type="checkbox"/>	Agriculture <input type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Rotary bucket
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Sealed Depth 40 ft.  
Casing Information  
Casing Diam 24 in.  
Type: Steel  PVC  Other   
Wall/Gage \_\_\_\_\_ in.  
Diameter 10 in.  
Annular Seal Depth 10 ft.  
Casing Material (Check)  
Clay  Grout  Concrete

Additional Work Description: Well to be completed and sealed by Floyd Wells, Santa Maria. Hole to be drilled by owner using Tri Valley rig.

Department Use Only  
Disposition:

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.  
Signed Kenneth H. Hunter, Jr. / /  
Applicant Date  
Boj: Raymond H. Calver, Jr., Civ. Engr.

Fee paid on / /  
No. \_\_\_\_\_ Name \_\_\_\_\_ S.B.  Sol   
Date \_\_\_\_\_ S.M.  Low

ISSUED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT  
PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES ( )

URS # 029



Environmental Health Division  
Santa Barbara County Health Care Services

Well #3

Date / /

Name of Well Owner Kenneth H. Hunter, Jr.

Address P. O. Box 5275 Santa Barbara Ca. 93108 805-969-5897  
Street, P.O. City State Zip Code Telephone

Site Location: Vicinity Map Attached  (Check) Casmalia Resources

Owner's Parcel No. 113-220-12 Street Address N T U Road

Township T 9 N Range R 35 W Section 15 Rancho Casmalia

Name of Well Driller Jim Overcash

Company Name Tri Valley Drilling

Business Address 108 N. Saticoy St., Ventura, Calif. 93004 Date of Work

Drillator's License No. Equipment rented by Ken Hunter Start / / Finish / /

Well Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input checked="" type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Rotary bucket
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Well Information	Casing Information
Proposed Depth <u>40</u> ft.	Type: Steel <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Bore Diam <u>24</u> in.	Wall/Gage _____ in.
Casing Material (Check)	Diameter <u>10</u> in.
Cement <input type="checkbox"/> Clay <input type="checkbox"/>	Annular Seal Depth <u>10</u> ft.
Grout <input checked="" type="checkbox"/> Concrete <input type="checkbox"/>	

Additional Work Description: Well to be completed and sealed by Floyd Wells, Santa Maria. Hole to be drilled by owner using Tri Valley rig.

Department Use Only

Disposition:

Sealed

Used

Notes \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Kenneth H. Hunter, Jr. \_\_\_\_\_ / /  
Applicant Date

Boj: Raymond K. ... \_\_\_\_\_  
\_\_\_\_\_  
Date

Fee paid on / /

Name \_\_\_\_\_

Date \_\_\_\_\_

S.B.  Sol

S.M.  Low

SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. HEALTH OFFICER SHALL BE ADVISED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES





WELL PERMIT APPLICATION

Environmental Health Division  
Santa Barbara County Health Care Services

Well #4

Date 06 / 28 / 82

Name of Well Owner Kenneth Hunter, Jr.

Drilling Address 539 San Ysidro Rd P.O. Box 5275 Montecito, Ca 93108 (805)969-5897  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Lessors Parcel No. 113-260-06 Street Address NTU Road, Casmalia

Ownership Range Section Rancho Casmalia

Name of Well Driller Floyd V. Wells, Inc.

Company Name Same

Business Address 1337 W. Betteravia Road Santa Maria, Ca 93454

Date of Work

Contractor's License No. CS7-229570

Start 07 / 07 / 82 Finish 07 / 08 / 82

Drilling With Bucket Rig By Tri Valley Drilling Of Ventura

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input checked="" type="checkbox"/> <u>Bucket Rig</u>
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 35 ft.

Casing Information

Well Bore Diam 18 in.

Type: Steel  PVC  Other

Wall/Gage .411 in.

Casing Material (Check)

Diameter 8 5/8 in.

Best Cement  Clay

Annular Seal Depth 20 ft.

Cement Grout  Concrete

Additional Work Description:

Department Use Only

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed [Signature] / For Floyd V. Wells 06 / 28 / 82  
Applicant Date

Fee paid on      /      /     

S.B.  Sol

Receipt No.     

Name     

S.M.  Low

Date     

PERMITS SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. HEALTH OFFICER MUST BE NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES

URS # 031

WELL PERMIT APPLICATION

Permit No. \_\_\_\_\_

Page 1 of 2 pages

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 06 / 28 / 82

Name of Well Owner Kenneth Hunter, Jr.

Mailing Address 539 San Ysidro Rd P.O. Box 5275 Montecito, Ca 93108 (805)969-5897  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check)

Assessor's Parcel No. 113-280-06 Street Address NTU Road, Casmalia  
as on well #1 permit  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho Casmalia

Name of Well Driller Floyd V. Wells, Inc.  
Company Name Same

Business Address 1337 W. Betteravia Road Santa Maria, Ca 93454 Date of Work \_\_\_\_\_  
Contractor's License No. C57-229570 Start 07 / 07 / 82 Finish 07 / 08 / 82

Drilling With Bucket Rig By Tri Valley Drilling Of Ventura

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input checked="" type="checkbox"/> <u>Bucket Rig</u>
Abandonment <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 35 ft. Casing Information

Well Bore Diam 18 in. Type: Steel  PVC  Other

Sealing Material (Check) Wall/Gage .411 in.

Neat Cement  Clay  Diameter 3 5/8 in.

Cement Grout  Concrete  Annular Seal Depth 20 ft.

Additional Work Description: \_\_\_\_\_

For Department Use Only

Application Disposition:

Approved

Denied

Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and abandonment. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed [Signature] / For Floyd V. Wells 06 / 28 / 82  
Applicant Date

Fee paid on 7 / 16 / 82 Name \_\_\_\_\_ S.B.  Sol

Receipt No. \_\_\_\_\_ Date 7 / 16 / 82 S.M.  Lom

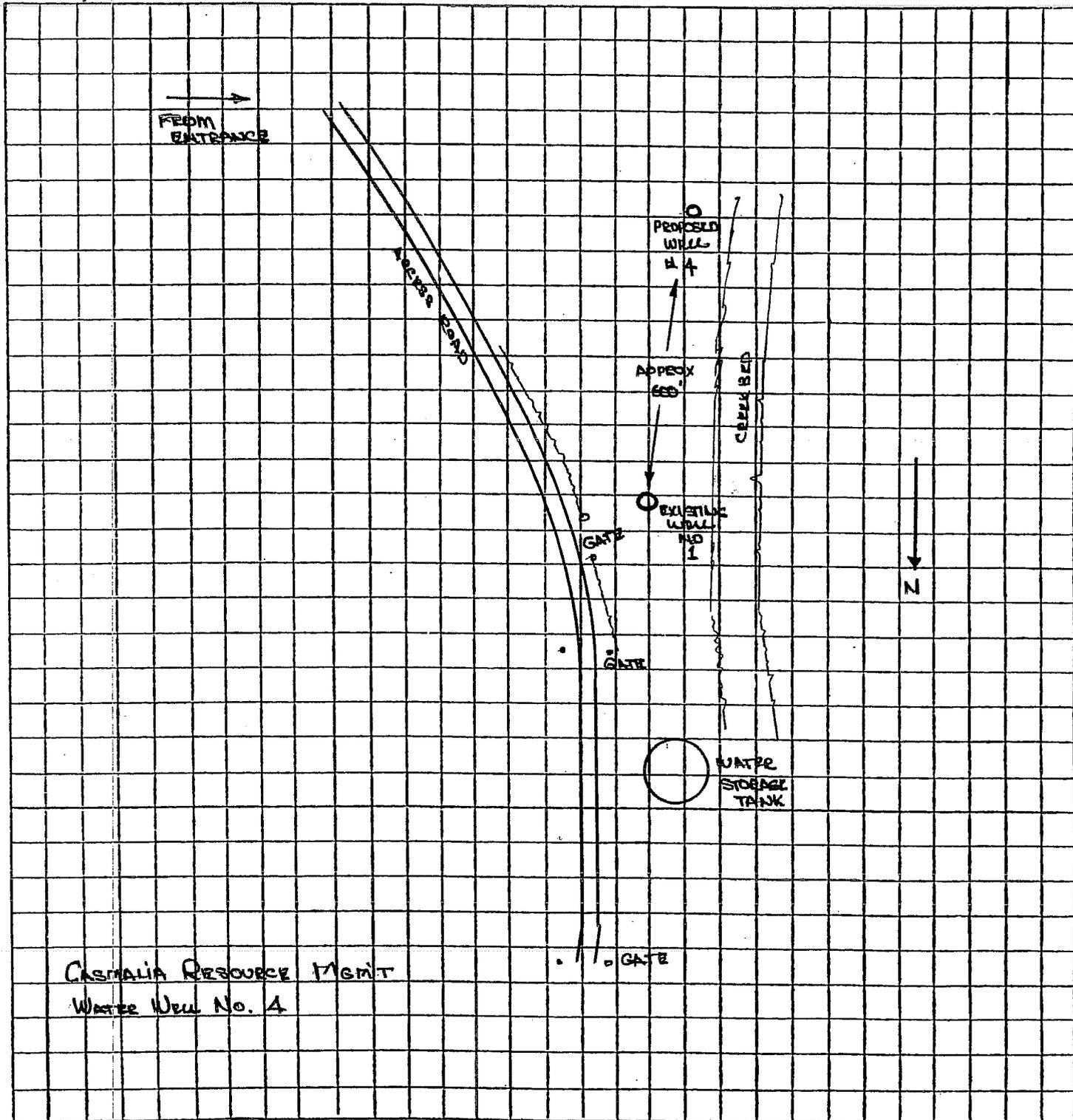
WHEN SIGNED BY HEALTH CARE SERVICES, THIS APPLICATION IS A PERMIT. HEALTH OFFICER SHALL BE NOTIFIED PRIOR TO ALL SEALING OPERATIONS. NOTE: PERMIT EXPIRES ONE YEAR FROM DATE ISSUED.

WELL PERMIT APPLICATION

Plot Plan

~~Scale: 1/4" = 20'~~

Indicate below the exact location of the well with respect to the following items within 200' of the well: Property lines, sewers and private sewage systems, water bodies on watercourses; drainage pattern, existing wells, access roads, well site elevation. Include dimensions.



ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 7 19 1982  
Site Investigation: By Brenda Wong Date 7 19 1982  
Findings: site acceptable

Application Reviewed and Approved: By \_\_\_\_\_ Date   /  /  

Work Investigation Record

Findings: 7-20-81 well sealed to a depth of 20 ft.

Final Inspection and Approval/Denial: By \_\_\_\_\_ Date   /  /  

Notice of Work Acceptance/Rejection Sent to Well Owner On   /  /  .



WATER WELL DRILLING LOG

Owner: Kenneth Hunter, Jr. Company: Casmalia Resource Management

Well No: 1 Rig: Bucket Rig (Tri-Valley Drilling)

Location of Well: Assessor's Parcel #113-260-06 N.T.U. Road Casmalia, Ca  
Rancho Casmalia

Surface Pipe or Seal: Seal w/10" Steel Well Steeve At Top 3' Depth: 20' Gauge:

Well Bore Diameter: 18" Depth of Casing Set: 35'

Casing Size: 8" SDR21 Class 200 Gauge: .411 Wall Type: PVC

Perforations: Size: .040 Slot Type: Horizontal Well Screen Number: Full Flow

Perforation Location from Ground Level: 20' From: 0 To: 20 Blank

20 - 30 Screen

30 - 35 Blank, Capped On Bot

Gravel Pack: Type: Dumped Size: 1/8x4 Sisquoc Quantity: 1 Yard

Bits: No. Used: Bucket Size: 18"

Drilling Method: Air: Foam: Mud:

Material Used: Gel.: P-95: Foam:

Well Started: 6/22/82 Well Completed: 6/23/82 Driller: Tri-Valley Drilling -  
Ventura

TEST PUMPING INFORMATION:

COPY

Production Test: 7/2 - 7/2/82 24 Hour Run

Standing Water Level: 11.5' Pumping Level:

G.P.M.: 40GPM Pumping Level: 26' 8"

REMARKS: 18" Diameter Test Hole To 63' & Backfilled With Cuttings & Gravel To 35'



WATER WELL DRILLING LOG

Owner: Kenneth Hunter, Jr. Company: Casmalia Resource Management

Well No.: 2 Rig: Bucket Rig (Tri-Valley Drilling)

Location of Well: Assessor's Parcel #113-260-01 N.T.U. Road Casmalia, Ca  
Rancho Casmalia

Surface Pipe (or Seal): 20' w/10" Steel Sleeve On Top 3' Size: Depth: 20' Gauge:

Well Bore Diameter: 18" Depth of Casing Set: 45'

Casing Size: 8" SDR21 Class 200 Gauge: 411 Type: PVC

Perforations: Size: .040 Slot Type: Horizontal Well Screen Number: Full Flow

Perforation Location from Ground Level: 20' From: 0 To: 20' Blank

20 - 40 Screen  
40 - 45 Blank, Capped On Bottom

Gravel Pack: Type: Dumped Size: 1/8x4 Sisquoc Quantity: 1 1/2 Yards

Units: No. Used: Bucket Size: 18"

Drilling Method: Air: Foam: Mud:

Material Used: Gel: P-95: Foam:

Well Started: 6/22/82 Well Completed: 6/23/82 Driller: Tri-Valley - Ventura

TEST PUMPING INFORMATION:

Production Test: 7/1 & 7/2/82 24 Hour Run

Standing Water Level: 16'9" Pumping Level:

G.P.M.: 10GPM Pumping Level 22'10"

REMARKS:

COPY

28

ORIGINAL

File with DWR

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

Do not fill

No. 050999

No. of Inlet No. Local Permit No. or Date

State Well No. Other Well No.

OWNER: Name Kenneth Hunter, Jr. P.O. Box E Casmalia, CA Zip 93429

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

LOCATION OF WELL (See instructions) Santa Barbara Assessor's Parcel 113-269-10 N.T.U. Road Casmalia Rancho Casmalia

SEE ATTACHED

(3) TYPE OF WORK: New Well X Deepening Reconstruction Reconditioning Horizontal Well Destruction (Describe destruction materials and procedures in Item 12) (4) PROPOSED USE: Domestic Irrigation Industrial Test Well Stock Municipal Other

WELL LOCATION SKETCH EQUIPMENT: Reverse Cable Air Bucket GRAVEL PACK: Size 18" Diameter of bore 20' Perforation 45' PERFORATIONS: Type of perforation or size of screen

WELL SEAL: Was surface sanitary seal provided? Yes X No If yes, to depth 20 ft. Is strata sealed against pollution? Yes No Interval ft

(10) WATER LEVELS: Depth of best water, if known ft

(9) 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? Electric log made: Yes No If yes, attach copy to this report

Work started 7/20 19 82 Completed 7/20 19 82

WELL DRILLER'S STATEMENT: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. SIGNED: Floyd V. Wells, Inc. Well Driller: 1337 W. Betteravia Road Santa Maria, CA 93455 License No. C57-229570 Date of this report 7/31/82

R 188 (REV. 7-78) IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

TSC 215902

WATER WELL DRILLING LOG

Owner: Kenneth Hunter, Jr.

Company: Casmalia Resource Management

Well No.: 3

Rig: Bucket Rig (Tri-Valley Drilling)

Location of Well: Assessor's Parcel #113-260-10  
Rancho Casmalia

N.T.U. Road Casmalia, Ca

Surface Pipe or Seal: Seal Top w/10" Steel Well Sleeve Size: Depth: 20' Gauge:

Well Bore Diameter: 18" Depth of Casing Set: 45'

Casing Size: 8" SDR21 Class 200 Gauge: .411 Type: PVC

Perforations: Size: .040 Horizontal Slot Type: Well Screen Number: Full Flow

Perforation Location from Ground Level: 20' From: 0 To: 20 Blank

20 - 40 Screen

40 - 45 Blank w/Cap On Bottom

Gravel Pack: Type: Dumped Size: 1/8x4 Sisquoc Quantity: 2 Yards

Bits: No. Used: Bucket Size: 18"

Drilling Method: Air: Foam: Mud:

Material Used: Gel.: P-95: Foam:

Well Started: 7/20/82 Well Completed: 7/20/82 Driller: Tri-Valley Drilling

TEST PUMPING INFORMATION:

Production Test: 7/26 & 7/27/82 24 Hour Run

Standing Water Level: 17' 6" Pumping Level:

G.P.M.: 7 1/2 GPM Pumping Level 31' 7"

COPY

REMARKS:

TSC 215903

120

ORIGINAL

File with DWR

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

Do not fill

No. 051000

Local Permit No. or Date

State Well No. Other Well No.

OWNER: Name Kenneth Hunter, Jr. P.O. Box E Casmalia Road, Ca Zip 95429 LOCATION OF WELL (See instructions): Santa Barbara Owner's Well Number 4 Assessor's Parcel #113-260-06 N.T.U. Road Casmalia Rancho Casmalia

(12) WELL LOG: Total depth ft. Depth of completed well ft. Formation (Describe by color, character, size of material) SEE ATTACHED

(3) TYPE OF WORK:

- New Well [X] Deepening [ ] Reconstruction [ ] Reconditioning [ ] Horizontal Well [ ] Destruction [ ] (Describe destruction materials and procedures in Item 12)

(4) PROPOSED USE:

- Domestic [ ] Irrigation [ ] Industrial [ ] Test Well [ ] Stock [ ] Municipal [ ] Other [ ]

WELL LOCATION SKETCH

Table with columns for EQUIPMENT (Reverse, Air, Bucket), GRAVEL PACK (Size, No. of layers), CASING INSTALLED (Material, Thickness), and PERFORATIONS (Type, From/To ft., Slot size).

9) WELL SEAL: Was surface sanitary seal provided? Yes [X] No [ ] If yes, to depth 20 ft. Was strata sealed against pollution? Yes [ ] No [ ] Interval ft.

10) WATER LEVELS: Depth of first water, if known ft. Static level after well completion ft. 11) WELL TESTS: Was well test made? Yes [ ] No [ ] If yes, by whom? Pump [ ] Bailer [ ] Air lift [ ] Time to water at start of test ft. At end of test ft. Chemical analysis made? Yes [ ] No [ ] If yes, by whom? Electronic log made? Yes [ ] No [ ] If yes, attach copy to this report

Work started 7/20/1982 Completed 7/20/1982 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: Floyd V. Wells, Inc. (Well Driller) 1337 W. Betteravia Road Santa Maria, CA 93455 License No. C57-229570 Date of this report 7/31/82

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

TSC 215904

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WATER WELL DRILLING LOG

er, Jr.

Company: Casmalia Resource Management

Rig: Bucket Rig (Tri-Valley Drilling)

Parcel #113-260-06

N.T.U. Road Casmalia, CA

Casmalia

3" Steel Sleeve On Top 3' Size: Depth: 20' Gauge:

Depth of Casing Set: 55'

200 Gauge: .411 Type: PVC

0 Slot Type: Horizontal Slot Screen Number: Full Flow

40' From: 0 To: 40 Blank

40 - 50 Screen

50 - 55 Blank w/Cap On Bottom

d Size: 1/8x4 Sisquoc Quantity: 2 1/2 Yards

ket Size: 18"

Foam: Mud:

P.95: Foam:

Well Completed: 7/20/82 Driller: Tri-Valley Drilling

5" Pumping Level:

Pumping Level 44'

well

Data taken from well permit data (#45, see notes on permit) and from Casmito Corp telephone log to place well #62 on APN 113-240007. Casmito, (Bob Hall) indicated they have one operating well.

URS # 032

WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 9/19/95

Name of Well Owner Raul Velazquez Agent for Casan Velazquez  
Mailing Address PO Box 0 165 Casmalia CA 937-8361  
Street, P.O. City State Zip Code Telephone 689-4612

Well Site Location: Vicinity Map Attached  (Check)  
Assessor's Parcel No. 113-270-17-00-8 Street Address Casmalia  
Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho \_\_\_\_\_  
Name of Well Driller M Alexander  
Company Name Alexander Bros Inc  
Business Address 200 LaSalle Cyn Rd Date of Work \_\_\_\_\_  
Contractor's License No. 602322 Start 9/27/95 Finish 1/1

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 100 ft. Casing Information \_\_\_\_\_  
Well Bore Diam 10 in. \_\_\_\_\_  
Type: Steel  PVC  Other   
Sealing Material (Check) Wall/Gage C/200 in.  
Neat Cement  Clay  Diameter 6 in.  
Cement Grout  Concrete  Annular Seal Depth 20 ft.

RECEIVED

Additional Work Description: \_\_\_\_\_

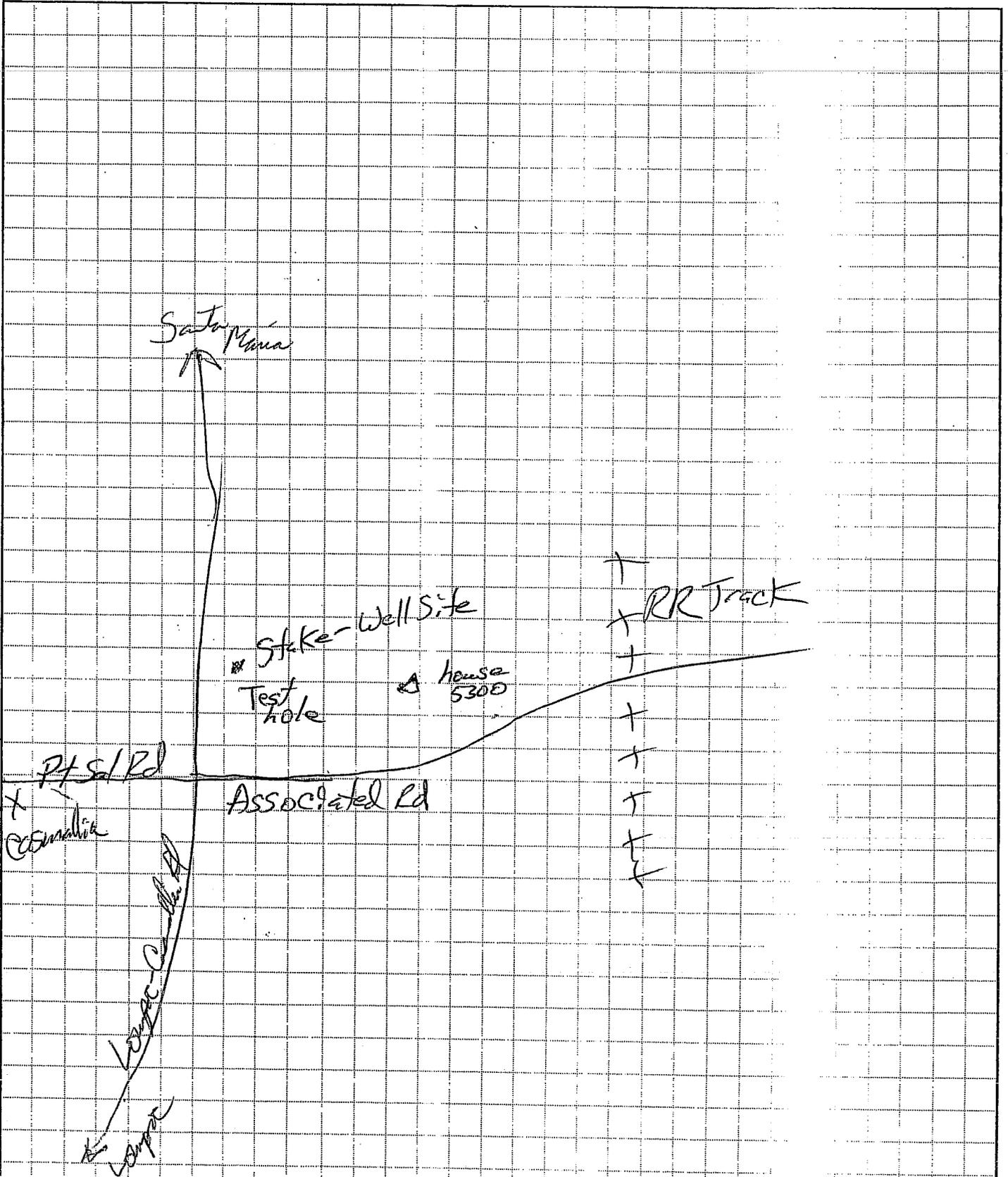
For Department Use Only  
Application Disposition:  
Approved   
Denied   
Comments \_\_\_\_\_

SEP 19 1995  
I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, ~~sealing and inactivation~~. The property owner, well driller, or agent will furnish to the HEALTH CARE SERVICES a complete well log upon completion of well construction.  
Signed Raul Velazquez Applicant 9/19/95

\$450 Fee paid on 9/19/95 Name Paul J... S.B.  Sol.   
Receipt No. 1357674 Date 9/20/95  
PAID BY: Driller C# 167312

URS # 036

Indicate below the exact location of the proposed well with respect to the following items: Property lines, sewer lines and sewage disposal systems, animal enclosures, watercourses, flood plain, drainage pattern, existing wells, access roads, easements, and well site elevation. Include dimensions.



WELL PERMIT APPLICATION

TO: Environmental Health Division  
Santa Barbara County Health Care Services

Date 01/23/03

Name of Well Owner Roy Bognuda  
Mailing Address 680 Camino Caballo, Nipomo, CA 93444 cell# 680-3627  
Street, P.O. City State Zip Code Telephone

Well Site Location: Vicinity Map Attached  (Check) Rancho Casmalia off Pt. Sal Rd,  
Assessor's Parcel No. 113-260-018 Street Address Casmalia

Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_ Rancho Preserve

Name of Well Driller Joe Bender cell# 896-4192 71-AP-109

Company Name McDonald & Bender Drilling, Inc.

Business Address 1226 W. Furukawa Way # A SIM, 93458 Date of Work \_\_\_\_\_

Contractor's License No. C57752893 Start 1/1 Finish 1/1

OTHER WATER SOURCE: Public  Private  None

Permit Type (Check)	Well Use (Check)	Drilling Method (Check)
Construction <input checked="" type="checkbox"/>	Domestic <input type="checkbox"/>	Rotary <input checked="" type="checkbox"/>
Repair/Modification <input type="checkbox"/>	Agriculture <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>
Destruction <input type="checkbox"/>	Cathodic <input type="checkbox"/>	Other <input type="checkbox"/>
Inactivation <input type="checkbox"/>	Test <input type="checkbox"/>	

Proposed Depth 500' ft. Casing Information

Well Bore Diam 16" in. Type: Steel  PVC  Other

Sealing Material (Check) Wall/Gage Class 200 in.

Neat Cement  Clay  Diameter 8" in.

Cement Grout  Concrete  Annular Seal Depth 50' ft.

Additional Work Description: \_\_\_\_\_

**For Department Use Only**

Application Disposition:  
 Approved   
 Denied   
 Comments \_\_\_\_\_

I hereby agree to comply with all regulations of the County of Santa Barbara pertaining to well construction, repair, modification, destruction and inactivation. The property owner, well driller, or agent will furnish County Health Care Services a complete well log upon completion of well construction.

Signed Joe Bender Applicant 1/27/03

\$ 328.00 Fee paid on 01/27/03 Kathy Cardiel  
 Receipt No. 1719862 alt # 1136 Name 1/29/03 Date  
 Paid By: Well Driller

S.B.  Sol.   
 S.M.  Com



ENVIRONMENTAL HEALTH DIVISION  
SANTA BARBARA COUNTY HEALTH CARE SERVICES  
WELL PERMIT FIELD INVESTIGATION RECORD

Well Permit Application Received: Date 1/12/91

Site Investigation By Kathy Cardus Date 1/1/91

Findings: (Check applicable boxes and give clearance)

- |   |   |
|---|---|
| <input type="checkbox"/> Overhead Power Lines _____ | <input type="checkbox"/> Animal Enclosure _____           |
| <input type="checkbox"/> Sewer Lines _____          | <input type="checkbox"/> Creek or Watercourse _____       |
| <input type="checkbox"/> Leach Field _____          | <input type="checkbox"/> Petroleum Tank or Pipeline _____ |
| <input type="checkbox"/> Cesspool/Drywell _____     | <input type="checkbox"/> Other _____                      |

Application Reviewed and Approved: By Kathy Cardus Date 1/12/91

Work Investigation Record

Date    /    /   

Well Site #: \_\_\_\_\_

Casing Information

Borehole

Type: Steel  PVC  Other  \_\_\_\_\_

Total Depth of Well: \_\_\_\_\_

Class/Gage/NSF: \_\_\_\_\_

Annular Seal Depth: \_\_\_\_\_

ASTM#: \_\_\_\_\_

Well Bore Diameter: \_\_\_\_\_

Diameter: \_\_\_\_\_ Total Depth: \_\_\_\_\_

Sealing Material: \_\_\_\_\_

Casing Schedule

Amount: \_\_\_\_\_

0' - _____ = _____
_____ - _____ = _____
_____ - _____ = _____
_____ - _____ = _____
_____ - _____ = _____
_____ - _____ = _____
_____ - _____ = _____

Method of Pour: \_\_\_\_\_

Use of Tremie: \_\_\_\_\_

Driller(s): \_\_\_\_\_

Comments: \_\_\_\_\_

Final Inspection and Approval/Denial: By \_\_\_\_\_ Date    /    /   

Notice of Work Acceptance/Rejection Sent to Well owner On    /    /