

3-25-84

# NIPOMO COMMUNITY SERVICES DISTRICT

POST OFFICE BOX 326  
NIPOMO, CALIFORNIA 93444  
Phone: (805) 929-1133

May 24, 1988

John C. Curphey, P. E.  
District Sanitary Engineer  
Sanitary Engineering Branch  
Department of Health Services  
Health & Welfare Agency  
State of California  
Post Office Box 4339  
Santa Barbara, California  
93140-4339

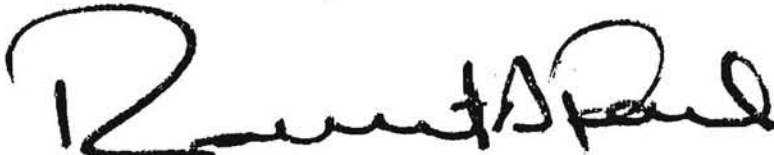
REPORTS AND DATA  
NIPOMO WATER SYSTEM

Looks like Perry did not have a chance to stop by our office last week. I was holding information for her concerning our Annual Reports and Permit modification. That information is enclosed for your use.

In addition, I recently received the following State Well Numbers:

Savage No. 2	11/34	17 B 05
Omiya No. 2	11/35	11 J 03
Bevington No. 2	11/35	10 J 02

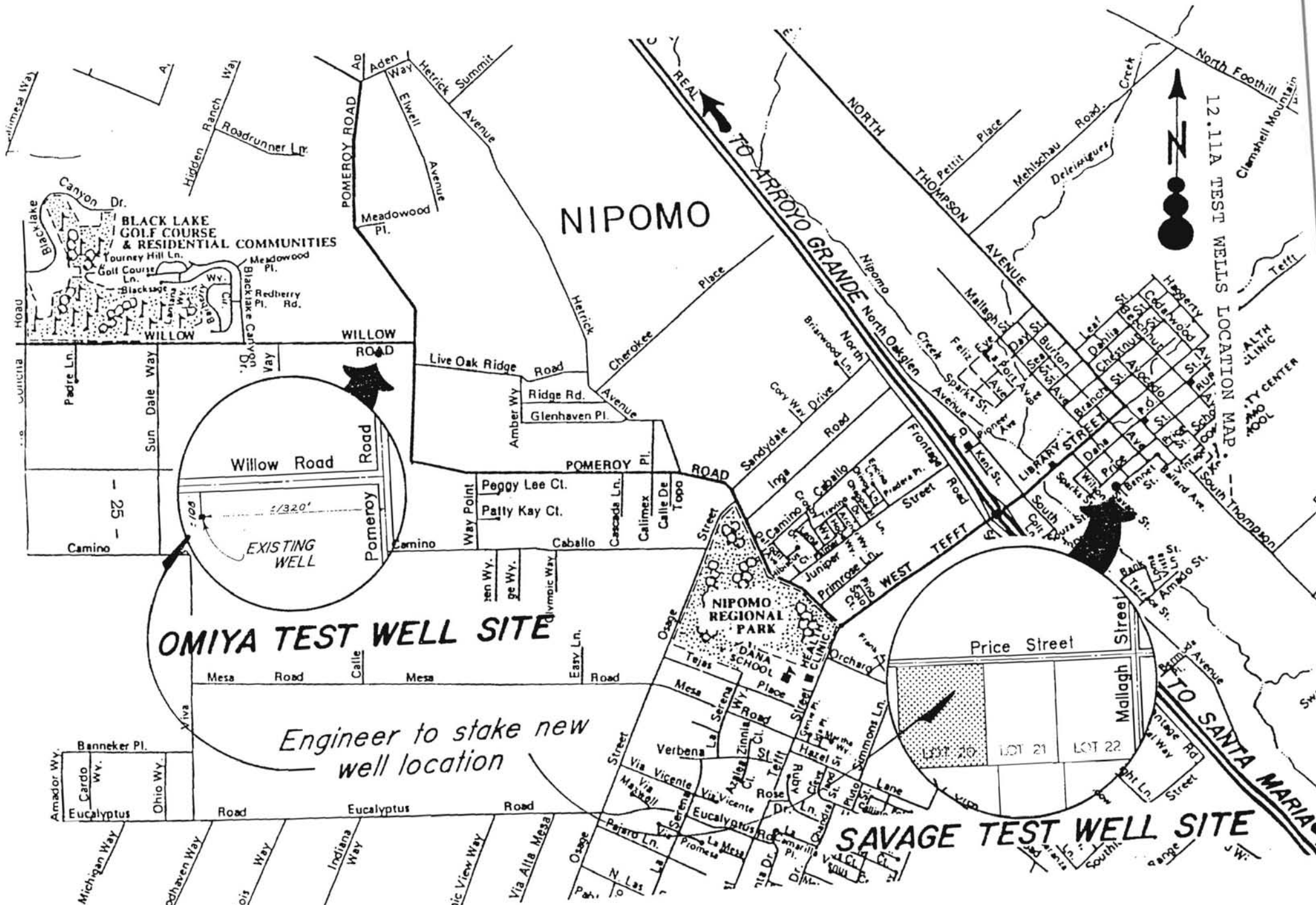
If you need any additional information, just give me a call.



ROBERT A. PAUL  
GENERAL MANAGER AND CHIEF ENGINEER

RAP:j

Enclosure



**OMIYA TEST WELL SITE**

*Engineer to stake new well location*

**SAVAGE TEST WELL SITE**

# NIPOMO COMMUNITY SERVICES DISTRICT

POST OFFICE BOX 326  
NIPOMO, CALIFORNIA 93444  
Phone: (805) 929-1133

~~3.17.88~~  
March 15, 1988

AGENDA No. 15  
MARCH 16, 88

John Curphey, P. E.  
District Sanitary Engineer  
Public Water Supply Branch  
Department of Health Services  
Health & Welfare Agency  
State of California  
Post Office Box 4339  
Santa Barbara, California  
93140 - 4339

Certified Mail

OMIYA WELL NO. 2  
APPLICATION TO OPERATE NEW WATER WELL

By this letter we make application to operate a new well as a replacement for a prior well which has now been abandoned. Our application, approved by the District's Board of Directors on March 16, 1988, is enclosed.

The new well is on property controlled by this District and was inspected by a representative of your office during the 1987 annual inspection of our facilities.

In addition to our application, we enclosed the following documents for your review:

- San Luis Obispo County Health Agency Report of Well Site Inspection, dated January 25, 1988
- State Department of Water Resources Water Well Drillers Report No. 182644, dated February 16, 1988
- San Luis Obispo County Health Agency Report of Well Construction Approval, dated March 4, 1988
- Water Quality Analysis, dated December 11, 1981
- Sketch of Well Site Location

3-16-88  
John Curphey, P. E.  
March 15, 1988  
Page Two

Please note that the new well has a concrete sanitary seal 100 feet deep and has been located to conform to State and local requirements concerning possible sources of contamination.

In order to use this new well during the coming summer, we would all appreciate your timely review and approval of this application.

ROBERT A. PAUL  
GENERAL MANAGER AND CHIEF ENGINEER

RAP:j

Enclosure

RECORDING REQUESTED BY,  
AND MAIL TO THE  
NIPOMO COMMUNITY  
SERVICES DISTRICT  
POST OFFICE BOX 326  
NIPOMO, CALIFORNIA  
93444

DOC. NO. **13920**  
OFFICIAL RECORDS  
SAN LUIS OBISPO, CAL

NO FEE

**MAR 17 1988**

FRANCIS M. COONEY  
County Clerk Recorder  
TIME **12:15 PM**

NOTICE OF COMPLETION AND ACCEPTANCE

NOTICE IS HEREBY GIVEN BY the Nipomo Community Services District in the County of San Luis Obispo, State of California, as follows:

1. That on the 16th day of March, 1988, the project hereinunder described was considered complete and was accepted by the Board of Directors of the Nipomo Community Services District.

2. That the description of said project is Construction of the Omiya Test Well, Nipomo, California. Said well is within an easement owned by the Nipomo Community Services District as indicated by the Deed of Easement recorded on February 26, 1971 as Document No. 4961 in the Official Records of San Luis Obispo County at Volume 1606, Page 676. Said easement is totally within the property currently designated as Assessor's Parcel No. 91-241-81.

COPY

3. That the name of the political subdivision controlling said project is the Nipomo Community Services District, in the County of San Luis Obispo, State of California, whose address is 148 South Wilson Street, Nipomo, California, 93444.

4. That all work was accomplished by Floyd V. Wells, Inc., 1337 West Betteravia, Santa Maria, California, 93455 (California License Class C57/C61-229570) pursuant to contract plans and specifications No. 87-045 prepared by Engineer Garing, Taylor & Associates of Arroyo Grande, California.

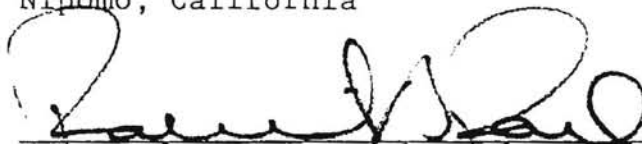
5. That completion of work was guaranteed by The Hartford, Hartford Plaza, Hartford, Connecticut, 06115 (Bond No. 5072926).

I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.




NIPOMO COMMUNITY SERVICES DISTRICT  
Robert A. Paul  
General Manager and Chief Engineer

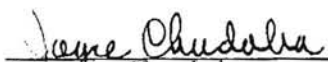
Nipomo, California



I certify under penalty of perjury  
that the foregoing is true and correct

March 16, 1988



  
Joyce Chudoba  
Secretary to the  
Board of Directors



March 17, 88

RECORDING REQUESTED BY,  
AND MAIL TO THE  
NIPOMO COMMUNITY  
SERVICES DISTRICT  
POST OFFICE BOX 326  
NIPOMO, CALIFORNIA  
93444

NOTICE OF COMPLETION AND ACCEPTANCE

NOTICE IS HEREBY GIVEN BY the Nipomo Community Services District in the County of San Luis Obispo, State of California, as follows:

1. That on the 16th day of March, 1988, the project hereinunder described was considered complete and was accepted by the Board of Directors of the Nipomo Community Services District.


2. That the description of said project is Construction of the Omiya Test Well, Nipomo, California. Said well is within an easement owned by the Nipomo Community Services District as indicated by the Deed of Easement recorded on February 26, 1971 as Document No. 4961 in the Official Records of San Luis Obispo County at Volume 1606, Page 676. Said easement is totally within the property currently designated as Assessor's Parcel No. 91-241-81.

3. That the name of the political subdivision controlling said project is the Nipomo Community Services District, in the County of San Luis Obispo, State of California, whose address is 148 South Wilson Street, Nipomo, California, 93444.

4. That all work was accomplished by Floyd V. Wells, Inc., 1337 West Betteravia, Santa Maria, California, 93455 (California License Class C57/C61-229570) pursuant to contract plans and specifications No. 87-045 prepared by Engineer Garing, Taylor & Associates of Arroyo Grande, California.

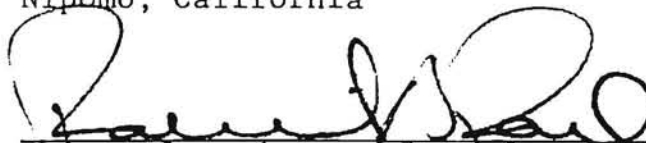
5. That completion of work was guaranteed by The Hartford, Hartford Plaza, Hartford, Connecticut, 06115 (Bond No. 5072926).

I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.



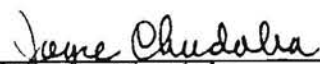
NIPOMO COMMUNITY SERVICES DISTRICT  
Robert A. Paul  
General Manager and Chief Engineer

Nipomo, California



I certify under penalty of perjury  
that the foregoing is true and correct

March 16, 1988

  
Joyce Chudoba  
Secretary to the  
Board of Directors

NOTICE OF EXEMPTION

TO:  Secretary for Resources  
 1416 Ninth Street, Room 1311  
 Sacramento, California 95814

FROM: Nipomo  
 Community Services District  
 148 South Wilson Street  
 Nipomo, California 93444

County Clerk  
 County of San Luis Obispo

AGENDOS N<sup>o</sup> 15  
 MAR 16 88

Project Title Omiya Water Well No. 2	
Project Location - Specific 70 feet South of Willow Road, 1500 feet West of Pomeroy Road	
Project Location - City Nipomo	Project Location - County San Luis Obispo
Description of Nature, Purpose, and Beneficiaries of Project Outfit new replacement well for production of potable water.	
Name of Public Agency Approving Project Nipomo Community Services District	
Name of Person or Agency Carrying Out Project Nipomo Community Services District	
Exempt Status: (Check One)	

- Ministerial (Sec. 15073)
- Declared Emergency (Sec. 15071 (a))
- Emergency Project (Sec. 15071 (b) and (c))
- Categorical Exemption. State type and section number:

Reasons why project is exempt: The project consists of replacement or reconstruction of a District facility, where the new facility will be located on the same site as the replaced or reconstructed facility and will have substantially the same purpose and capacity as the replaced or reconstructed facility.

Contact Person	Area Code	Telephone	Extension
ROBERT A. PAUL	(805)	929-1133	

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a notice of exemption been filed by the public agency approving the project? Yes  No

(ENDORSED)  
**FILED**

MAR 17 1988



Signature  
 General Manager and Chief Engineer  
 Title

FRANCIS M. ... CLERK  
 BY ...

Nipomo Community Services DISTRICT  
PRELIMINARY ENVIRONMENTAL ASSESSMENT

Name of Project: Omiya Water Well No. 2

Location: Nipomo, San Luis Obispo County

Entity or Person Undertaking Project: (Check appropriate box)

Nipomo Community Services District District

Other: Name \_\_\_\_\_  
Address \_\_\_\_\_

Staff Determination

The District's staff, having undertaken and completed a preliminary review of this project in accordance with the District's guidelines entitled "Local Guidelines Implementing the California Environmental Quality Act of 1970, as Amended", has concluded that this project does not require further environmental assessment because:

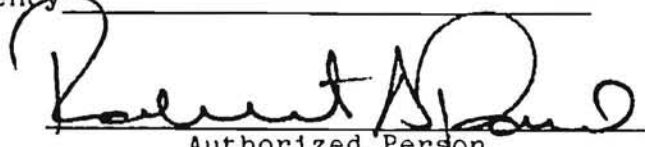
- ( ) 1. The proposed action does not constitute a project within the meaning of Section 3.1 and Section 2.21.
- ( ) 2. The project constitutes a feasibility or planning study under Section 3.2.
- ( ) 3. The project is an Emergency Project under Section 3.3.
- ( ) 4. The project is a Ministerial Project under Section 3.4.
- (X) 5. The project is Categorically Exempt under Section 3.5.

Applicable Exemption Class II. Replacement

- ( ) 6. The project involves another public agency which constitutes the lead agency.

Name of Lead Agency \_\_\_\_\_

Date: March 16, 1988

  
\_\_\_\_\_  
Authorized Person

Inventory Test

FLOYD V. WELLS, INC.

WELL TEST DATA

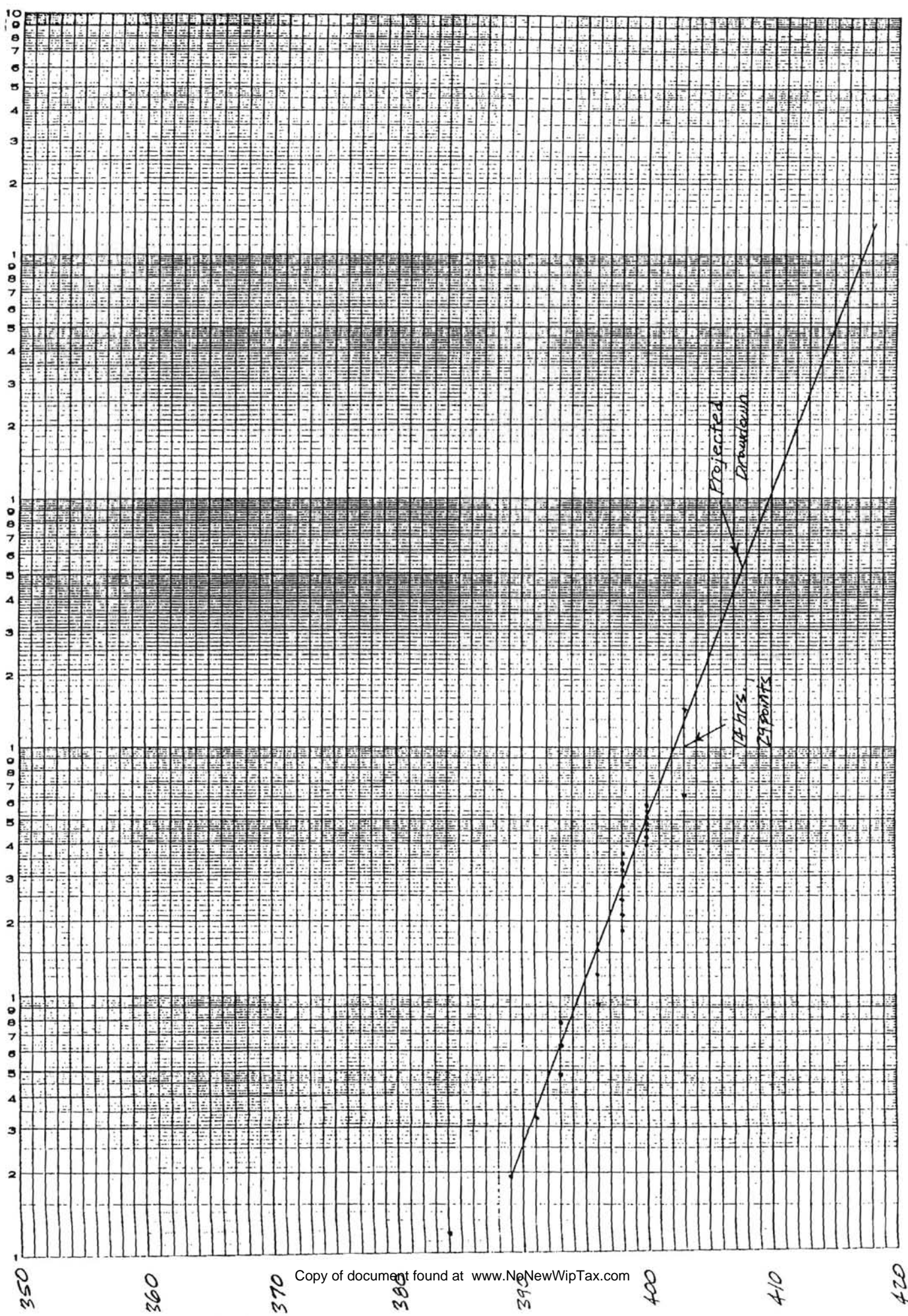
Name Nipomo Water - Omiya 162 Location Willow Rd. Date 3-4-88

Length Air Line 435' Pump Setting 435' Gauge Direct  Subtraction  Orifice \_\_\_\_\_ x \_\_\_\_\_

Time	Orifice Head /Ins	GPM	Air Line Gauge	Pumping Level	Time	Orifice Head /Ins	GPM	Air Line Gauge	Pumping Level
1:31			40#	343'	- COLUMN OF WATER CHARGED WELL UPON				
1:32			40#	343'	TEST PUMP SHUT DOWN.				
1:33			40#	343'					
1:34			39#	345'					
1:35			38.5#	346'					
1:36			38#	347'					
1:37			38#	347'					
1:38			38#	347'					
1:39			38#	347'					
1:40			38#	347'					
1:42			38#	347'					
1:44			38#	347'					
1:46			38#	347'					
1:48			38#	347'					
1:50			38#	347'					
1:55			38#	347'					
2:00			38#	347'					

REMARKS:

Extended run at 100 gpm  
3/3/88 24 hrs.



**FLOYD V. WELLS, INC.**  
**WELL TEST DATA**

Name Nipomo Water - Omega No 2 Location Willow Rd Date 3-3-88

Length Air Line 435' Pump Setting 435' Gauge Direct  Subtraction  Orifice 4 x 2 1/2

Time	Orifice Head /Ins	GPM	Air Line Gauge	Pumping Level	Time	Orifice Head /Ins	GPM	Air Line Gauge	Pumping Level
1:05	SWL -		39#	345'	2:30	17 1/2	100	14#	403'
Start	1:27	March 3, 1988. START 24HR TEST			3:00	17 1/2	100	14#	403'
1:30	17 1/2	100	22#	384'	3:30	17 1/2	100	14#	403'
1:45	17 1/2	100	20#	389'	4:00	17 1/2	100	14#	403'
2:00	17 1/2	100	19#	391'	4:30	17 1/2	100	14#	403'
2:35	17 1/2	100	18#	393'	5:00	17 1/2	100	14#	403'
2:30	17 1/2	100	18#	393'	5:30	17 1/2	100	14#	403'
2:45	17 1/2	100	18#	393'	6:00	17 1/2	100	14#	403'
3:00	17 1/2	100	17#	396'	6:30	17 1/2	100	14#	403'
3:30	17 1/2	100	17#	396'	7:00	17 1/2	100	14#	403'
4:00	17 1/2	100	17#	396'	7:30	17 1/2	100	14#	403'
4:30	17 1/2	100	16#	398'	8:00	17 1/2	100	14#	403'
5:00	17 1/2	100	16#	398'	8:30	17 1/2	100	14#	403'
5:30	17 1/2	100	16#	398'	9:00	17 1/2	100	14#	403'
6:00	17 1/2	100	16#	398'	9:30	17 1/2	100	14#	403'
6:30	17 1/2	100	16#	398'	10:00	17 1/2	100	14#	403'
7:00	17 1/2	100	16#	398'	10:30	17 1/2	100	14#	403'
7:30	17 1/2	100	16#	398'	11:00	17 1/2	100	14#	403'
8:00	17 1/2	100	15#	400'	11:30	17 1/2	100	14#	403'
8:30	17 1/2	100	15#	400'	12:00	17 1/2	100	14#	403'
9:00	17 1/2	100	15#	400'	12:30	17 1/2	100	14#	403'
9:30	17 1/2	100	15#	400'	1:00	17 1/2	100	14#	403'
10:00	17 1/2	100	15#	400'	1:30	17 1/2	100	14#	403'
10:30	17 1/2	100	15#	400'	STOP TEST 24 HR CONTINUOUS RUN				
11:00	17 1/2	100	15#	400'	MARCH 4, 1988				
11:30	17 1/2	100	14#	403'					
12:00	17 1/2	100	14#	403'					
12:30	17 1/2	100	14#	403'					
1:00	17 1/2	100	14#	403'					
1:30	17 1/2	100	14#	403'					
2:00	17 1/2	100	14#	403'					

REF 'KS:

# FLOYD V. WELLS, INC. WELL TEST DATA

Name Nipomo Community Service District Location Omiya Well No 2 Date 3-1-88

Length Air Line \_\_\_\_\_ Pump Setting \_\_\_\_\_ Gauge Direct  Subtraction  Orifice \_\_\_\_\_ x \_\_\_\_\_

Time	Orifice Head /In	GPM	Air Line Gauge	Pumping Level	Time	Orifice Head /In	GPM	Air Line Gauge	Pumping Level
TEST PUMPING RECORD									
2-16-88	3 HRS	DEVELOPMENT	S.W.L. 285'	285'	BREAK SECTION IMMEDIATELY				
2-17-88	7 HRS	DEVELOPMENT - STOP PRODUCTION RUNS	S.W.L. 326'						
		AFTER 2 HRS SURGING MADE APPROX. 80 GPM AT 425'							
		END OF DAY 100 GPM AT 425'							
		ADD SODIUM ACID PHOSPHATE - FOOD GRADE CHEMICAL - CIRCULATED.							
2-18-88	7 1/2 HRS	DEVELOPMENT - STOP PRODUCTION RUNS	S.W.L. 331'						
		FORWARD DEVELOPMENT AT 100 GPM ±							
		END OF DAY 1/2 HR RUN 120 GPM AT 412'							
2-19-88	6 HRS	S.W.L. 333'							
		SURGE DEVELOPED AT 80 TO 110 GPM							
		END OF DAY - 1 HR RUN 110 GPM AT 430'							
2-24-88	5 HRS	ADD'L DEVELOPMENT w/ PUMP & COMPRESSOR			HEAVY COLOR, SMALL AMOUNTS GRIT & SAND				
		BLOW & PUMP TO DEVELOP							
2-25-88	8 HRS	ADD'L DEVELOPMENT w/ PUMP & COMPRESSOR							
		S.W.L. 340'							
		BLOW & PUMP TO CLEAN-UP			HEAVY COLOR, SMALL AMOUNTS GRIT & SAND				
		STOP RUN MID DAY 3/4 HOUR 125 GPM AT 414'							
2-26-88	7 HRS	ADD'L DEVELOPMENT w/ PUMP AND COMPRESSOR							
		CLEAN UP ON BLOWING & PUMPING. FURTHER DEVELOPMENT NOT WARRANTED							
2-27-88	4 HRS	STABLE RUN - CONTINUOUS 4 HRS	S.W.L. 347'						
		125 GPM AT 419' - 4 HRS.							

REA KS:





STEP TEST

Omiya  
**FLOYD V. WELLS, INC.**  
**WELL TEST DATA**

Name Nipomo Water Location Willow Rd. Date 3-1-88

Length Air Line 435' Pump Setting 435' Gauge Direct  Subtraction  Orifice 4 x 2 1/2

Time	Orifice Head /Ins	GPM	Air Line Gauge	Pumping Level	Time	Orifice Head /Ins	GPM	Air Line Gauge	Pumping Level
2:40		SWL-	38#	347'					
		<del>50</del>							
1:00		50	29#	368'					
1:15		50	28#	370'					
1:30		50	28#	370'					
2:45		50	28#	370'					
2:00		50	28#	370	INCREASED TO 75 GPM				
2:15	10"	75	22#	384'					
2:30	10"	75	21#	386'					
2:45	10"	75	21#	386'					
3:00	10"	75	21#	386'	INCREASED TO 100 GPM				
3:15	17 1/2"	100	17#	396'					
3:30	17 1/2"	100	16#	398'					
3:45	17 1/2"	100	16#	398'					
4:00	17 1/2"	100	16#	398'	INCREASED TO 125 GPM				
4:15	27 1/2"	125	14#	403'					
4:30	27 1/2"	125		414'					
4:45	27 1/2"	125		414'					
5:00	27 1/2"	125		414'					

EMA

STATUS of CURRENT WELL DRILLING

OMILYA SITE

- CONSTRUCTION DONE
- TEST PUMPING START'
- AFTER 8 WRS. OF 72 HR. TEST - 100GPM

SAVAGE SITE

- TEST HOLE DONE
- CONSTRUCTION START'
- GOOD POSSIBILITIES, RESULT UNKNOWN

AGENDA

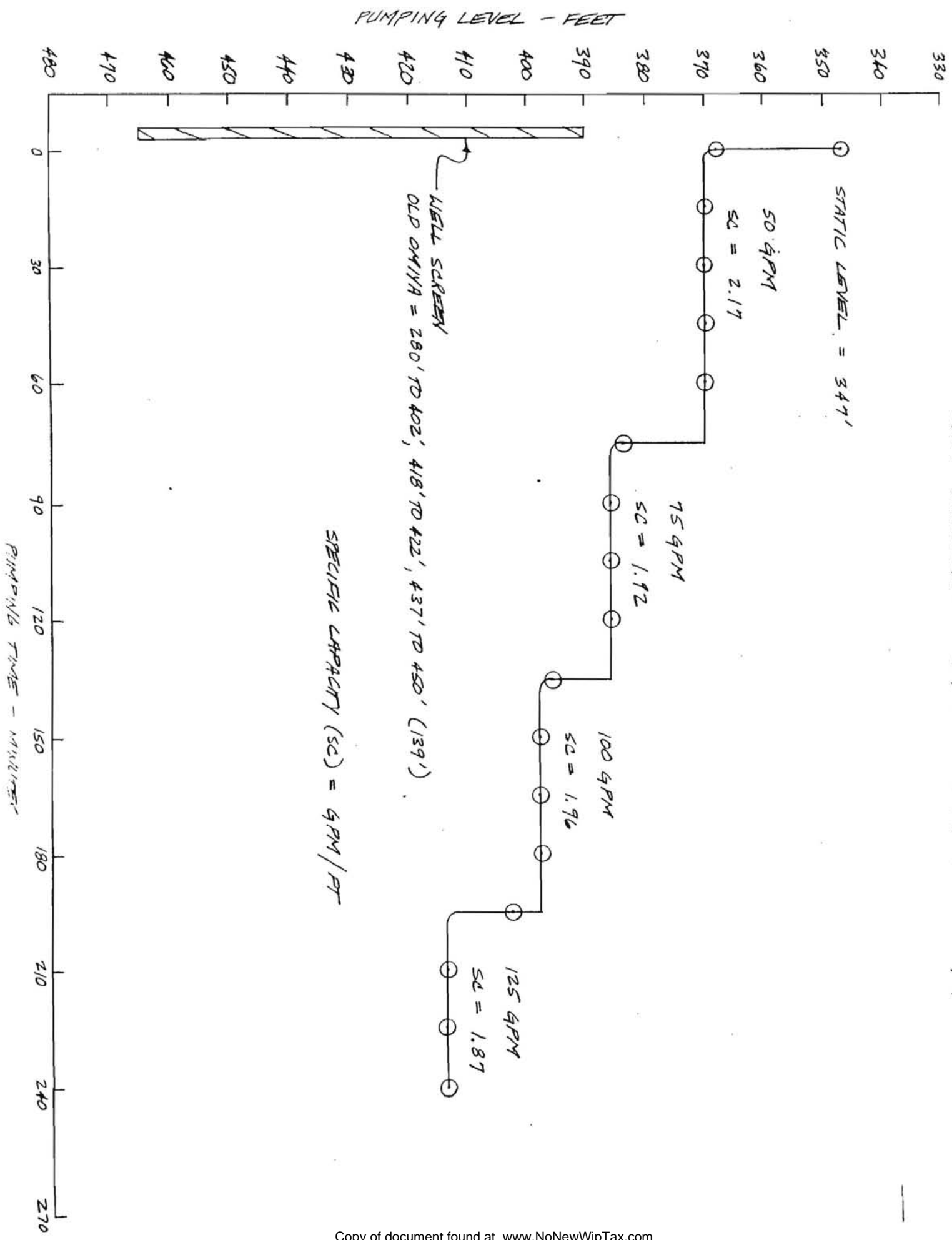
3.2.88

10

AGENDAN<sup>o</sup>

FEB. 17, 1988

7





**BARHOUR**  
Well Surveying Corporation  
(803) 482-4888

1/27/88

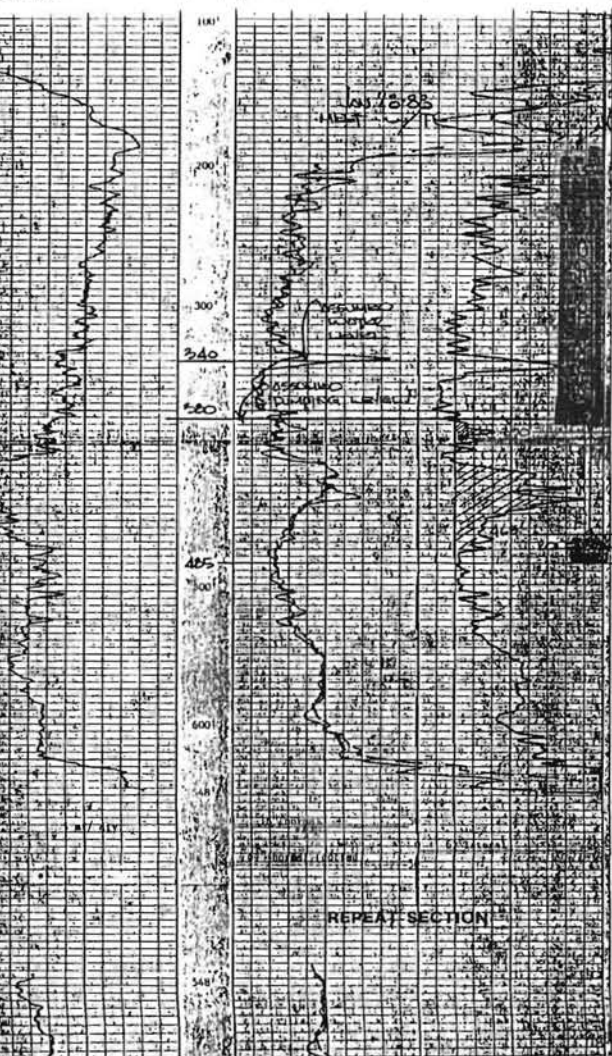
Company - **STUBBINS & SMITH**  
 Well - **ENTR. WEL. 1**  
 FIELD - **UTAH**  
 COUNTY - **DAVIES** STATE - **UT**

Log No. \_\_\_\_\_  
 Date \_\_\_\_\_

Date	Sample No.	Depth	Type Log	Depth	Horizontal Scale
1/27/88	1	0-10	SP	5.00	10'
1/27/88	2	10-20	SP	5.00	10'
1/27/88	3	20-30	SP	5.00	10'
1/27/88	4	30-40	SP	5.00	10'
1/27/88	5	40-50	SP	5.00	10'
1/27/88	6	50-60	SP	5.00	10'
1/27/88	7	60-70	SP	5.00	10'
1/27/88	8	70-80	SP	5.00	10'
1/27/88	9	80-90	SP	5.00	10'
1/27/88	10	90-100	SP	5.00	10'

Vertical Scale: 1" = 100'

DEPTH	LOG/SCALE	LOG/SCALE
0-10	10" normal	10" normal
10-20	10" normal	10" normal
20-30	10" normal	10" normal
30-40	10" normal	10" normal
40-50	10" normal	10" normal
50-60	10" normal	10" normal
60-70	10" normal	10" normal
70-80	10" normal	10" normal
80-90	10" normal	10" normal
90-100	10" normal	10" normal



817-1

9.10.82

# STATIC ELEVATIONS

<u>WATERWELL</u>	⊥ <u>DISCHARGE ELEVATION</u>
OMIYA	394
BEVINGTON	315
EUREKA	172

---

<u>STORAGE TANK</u>	<u>ELEVATION</u>
OVERFLOW	546
BOTTOM	522 $\frac{1}{2}$

PACIFIC GAS AND ELECTRIC COMPANY  
 \*\*\* PUMP TEST REPORT \*\*\*

----- CUSTOMER AND FACILITY DATA -----

PLANT LOCATION : OMIYA WELL	PO&E PLANT ID.# : 2192
MOTOR MAKE : U. S.	H.P. : 50
PUMP MAKE: Peerless	Type : Turbine
MAILING ADDRESS :	CONTROL# : 0224613-6 Suf. = A
	ACCOUNT# : BEX-18-13600
	METER# : 171047
	C.B.C. # :
NIPOMO COMM SERVICES	ENERGY USAGE : 225162 KWH/YR
PO BOX 326	ENERGY COST : 9 Cents/KWH
NIPOMO CA 93444	TG/YR : 23100

----- TEST RESULTS -----

TEST DATE : 03/21/85      Tester : RUSS CRACKNELL      Off. Phone : (805) 5468551

RUN NUMBER	1
MEASURED RPM	
STANDING WATER LEVEL (FT)	300.0
DRAWDOWN (FT)	69.0
PUMPING WATER LEV. (FT)	369.0
DISCHARGE LEVEL (FT)	244.9
DISCHARGE PRESS. AT GAUGE (PSI)	106
TOTAL LIFT (FT)	613.9
SURVEY LIFT (FT)	
WATER FLOW RATE (GPM)	51
WELL YIELD (G.P.H./FT DRAWDOWN)	0.7
THOUSAND GALLONS PER 24 HOURS	
HORSEPOWER INPUT TO MOTOR	39.8
PER CENT OF RATED MOTOR LOAD	72.0
KILOWATT INPUT TO MOTOR	29.7
KILOWATT HOURS/THOU. GALS	9.7
OVERALL PLANT EFFICIENCY (%)	20.0

----- REMARKS -----

\* THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING RUN NUMBER 1 REPRESENTS THE PLANTS NORMAL OPERATING CONDITIONS.

----- POTENTIAL SAVINGS -----

THE POTENTIAL SAVINGS SHOWN BELOW ARE POSSIBLE IF THE EFFICIENCY OF YOUR PUMPING PLANT COULD BE IMPROVED TO THE LEVEL INDICATED. NORMAL PLANT OPERATION IS ASSUMED TO BE RUN NUMBER 1 .

	PRESENT CONDITIONS	ESTIMATED AFTER REPAIRS	POTENTIAL SAVINGS/IMPROVEMENTS
OVERALL PLANT EFFICIENCY (%)	20.0	61.9	-
ANNUAL ENERGY USED (KWH)	225162	93038	132124
ANNUAL COST	\$20264	\$8373	\$11891
ANNUAL OPERATING HOURS	7581	2245	5336
WATER FLOW RATE (GPM)	51	172	121
TOTAL LIFT (FT)	613.9	790.9	-
% OF RATED MOTOR LOAD (%)	72	100	-
KILOWATT HRS. PER THOUSAND GALS.	9.7	4.0	5.7
ANNUAL THOUSAND GALS. PUMPED	23100	23100	-

55-1

COAST VALLEYS Division

SANTA MARIA Office

Customer Account # CBX2476801

Location # 01512436357259

Dear NIPOMO COMM SERV DST;

Test Date 11/04/83

Meter # T71047

Motor OTHER

H.P. 60.0 Volts 460

Rated RPM 1770

Serial # 007505502

Pump LAYNE & BOWLER

Type TURBINE

Below are the results of the recent test on your pumping plant. Please let us know if you have any questions or if we can be of further service.

Remarks:

- OBSTRUCTION IN WELL - UNABLE TO SOUND.
- MOTOR LOAD IS 93% OF FULL LOAD CAPACITY.
- THE TEST RESULTS MAY BE IMPAIRED DUE TO A POOR HYDRAULIC TEST SECTION.

PGandE

NIPOMO COMM SERV DST

PO BOX 326

NIPOMO CA 93444

Number of Copies:

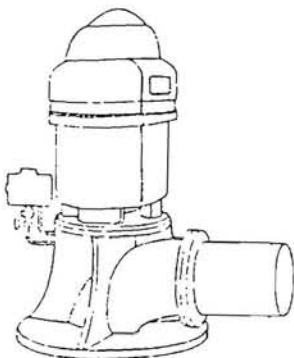
Customer 1

Office 2

Plant Location- OMIYA WELL  
Customer Plant Identification- 2192  
Test Engineer- RUSS CRACKNELL

TEST 1

Shutdown Time	10 Min. (=24 hrs.)
Standing Water Level Below CENTER LINE OF DISCHARGE PIPE	Ft.
Draw Down from Standing to Pumping Level	Ft.
Pumping Water Level Below CENTER LINE OF DISCHARGE PIPE	Ft.
Discharge Level Above CENTER LINE OF DISCHARGE PIPE	175.6 Ft.
Discharge Pressure Measured at Gauge	76 P.S.I.
TOTAL LIFT (Water to Water)	Ft.
WATER PUMPED	112 G.P.M.
Yield of Well (G.P.M. per foot draw down)	G.P.M./Ft.
Water Pumped in 24 Hours	161.28 1000 GAL.
HORSEPOWER INPUT TO MOTOR	61.8 H.P.
Kilowatt Input to Motor	46.1 KW.
KILOWATT HOURS PER 1000 GAL OF WATER PUMPED	6.86 Kw/h/ 1000 GAL.
OVERALL PLANT EFFICIENCY	%



GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!



COAST VALLEYS Division

SANTA MARIA Office

Customer Account # LBX6723051

Location # 01512436357259

Dear NIPOMO COMM SERV DST :

Test Date 04/19/83

Meter # T71047

Motor OTHER

H.P. 60.0 Volts 460

Rated RPM 1770 Serial # 007505502

Pump LAYNE & BOWLER Type TURBINE

Below are the results of the recent test on your pumping plant. Please let us know if you have any questions or if we can be of further service.

Remarks:

PGandE

- WATER LEVELS MEASURED WITH CUSTOMER AIRLINE  
\_\_\_\_\_ FEET IN LENGTH.

NIPOMO COMM SERV DST

- MOTOR LOAD IS 96% OF FULL LOAD CAPACITY.

148 SO WILSON

- THE OVERALL EFFICIENCY OF THIS PLANT IS  
LOW UNDER EXISTING WATER AND OPERATING  
CONDITIONS.

NIPOMO CA 93444

- THE TEST RESULTS MAY BE IMPAIRED DUE TO A  
POOR HYDRAULIC TEST SECTION.

Number of Copies:

Customer 1  
Office 2

Plant Location- OMIYA WELL

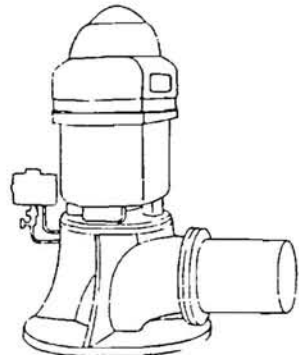
Customer Plant Identification- 2192

Test Engineer- ~~BON LEWIS~~

*Russ Crandall*

TEST 1

Shutdown Time	15 Min. (*=24 hrs.)
Standing Water Level Below CENTER LINE OF DISCHARGE PIPE	370.0 Ft.
Draw Down from Standing to Pumping Level	25.0 Ft.
Pumping Water Level Below CENTER LINE OF DISCHARGE PIPE	395.0 Ft.
Discharge Level Above CENTER LINE OF DISCHARGE PIPE	174.8 Ft.
Discharge Pressure Measured at Gauge	76 P.S.I.
TOTAL LIFT (Water to Water)	569.8 Ft.
WATER PUMPED	173 G.P.M.
Yield of Well (G.P.M. per foot draw down)	6.9 G.P.M./Ft.
Water Pumped in 24 Hours	249.12 1000 GAL.
HORSEPOWER INPUT TO MOTOR	63.4 H.P.
Kilowatt Input to Motor	47.3 KW.
KILOWATT HOURS PER 1000 GAL. OF WATER PUMPED	4.56 Kwh/1000 GAL.
OVERALL PLANT EFFICIENCY	39 %



GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!

55-1

COAST VALLEYS Division

SANTA MARIA Office

Customer Account # LBX6723051

Location # 01512436357259

Dear NIPOMO COMM SERV DST:

Test Date 06/24/82

Meter # T71047

Motor OTHER

H.P. 60.0 Volts 460

Rated RPM 1770 Serial # 007505502

Pump LAYNE & BOWLER Type TURBINE

Below are the results of the recent test on your pumping plant. Please let us know if you have any questions or if we can be of further service.

PGandE

NIPOMO COMM SERV DST

148 SO WILSON

NIPOMO CA 93444

Number of Copies:  
Customer 1  
Office 2

Plant Location- OMIYA WELL  
Customer Plant Identification- 2192  
Test Engineer- WAYNE COOPER

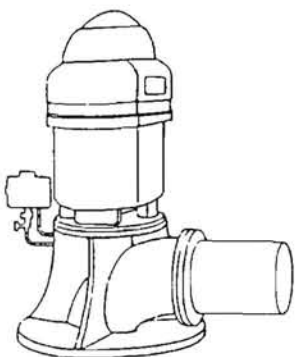
Remarks:

- OBSTRUCTION IN WELL - UNABLE TO SOUND.
- THE TEST RESULTS MAY BE IMPAIRED DUE TO A POOR HYDRAULIC TEST SECTION.

TEST 1

Shutdown Time  
 Standing Water Level Below CENTER LINE OF DISCHARGE PIPE  
 Draw Down from Standing to Pumping Level  
 Pumping Water Level Below CENTER LINE OF DISCHARGE PIPE  
 Discharge Level Above CENTER LINE OF DISCHARGE PIPE  
 Discharge Pressure Measured at Gauge  
 TOTAL LIFT (Water to Water)  
 WATER PUMPED  
 Yield of Well (G.P.M. per foot draw down)  
 Water Pumped in 24 Hours  
 HORSEPOWER INPUT TO MOTOR  
 Kilowatt Input to Motor  
 KILOWATT HOURS PER 1000 GAL OF WATER PUMPED  
 OVERALL PLANT EFFICIENCY

15 Min. (\*=24 hrs.)  
 341.0 Ft.  
 29.7 Ft.  
 370.7 Ft.  
 228.7 Ft.  
 99 P.S.I.  
 599.4 Ft.  
 163 G.P.M.  
 5.4 G.P.M./Ft.  
 234.72 1000 GAL.  
 63.5 H.P.  
 47.4 KW.  
 4.85 Kwh/ 1000 GAL.  
 39%



GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!

COAST VALLEYS Division

SANTA MARIA Office

Customer Account # LBX6723051

Location #01512436357259

Dear NIPOMO COMM SERV DST : Test Date 10/30/81

Meter #T71047

Motor U.S. \_\_\_\_\_ H.P. 50.0 Volts 440

Rated RPM 1800 Serial # 3713436

Pump LAYNE & BOWLER Type TURBINE

Below are the results of the recent test on your pumping plant. Please let us know if you have any questions or if we can be of further service.

PGandE

NIPOMO COMM SERV DST

148 S WILSON

NIPOMO CA 93444

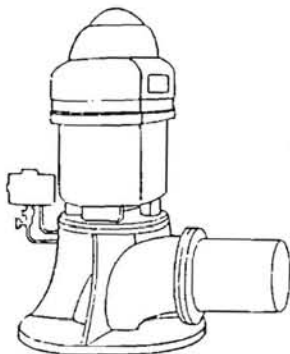
Remarks:

- MOTOR LOAD IS 118% OF FULL LOAD CAPACITY.
- THE OVERALL EFFICIENCY OF THIS PLANT IS LOW UNDER EXISTING WATER AND OPERATING CONDITIONS.
- THE TEST RESULTS MAY BE IMPAIRED DUE TO A POOR HYDRAULIC TEST SECTION.

Number of Copies:

Customer 1  
Office 2

Plant Location- OMIYA WELL  
Customer Plant Identification- 2192  
Test Engineer- CHRIS COUPER



Shutdown Time  
Standing Water Level Below CENTER LINE OF DISCHARGE PIPE  
Draw Down from Standing to Pumping Level  
Pumping Water Level Below CENTER LINE OF DISCHARGE PIPE  
Discharge Level Above CENTER LINE OF DISCHARGE PIPE  
Discharge Pressure Measured at Gauge  
TOTAL LIFT (Water to Water)  
WATER PUMPED  
Yield of Well (G.P.M. per foot draw down)  
Water Pumped in 24 Hours  
HORSEPOWER INPUT TO MOTOR  
Kilowatt Input to Motor  
KILOWATT HOURS PER 1000 GAL. OF WATER PUMPED  
OVERALL PLANT EFFICIENCY

TEST 1

	*	Min. (*=24 hrs.)
341.0	Ft.	
37.8	Ft.	
378.8	Ft.	
154.8	Ft.	
67	P.S.I.	
533.6	Ft.	
189	G.P.M.	
5.0	G.P.M./Ft.	
272.16	1000 GAL.	
65.5	H.P.	
48.9	KW.	
4.31	Kwh/1000 GAL.	
39	%	

GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!

COAST VALLEYS Division

SANTA MARIA Office

Customer Account # LBX6723051

Location #01512436357259

Dear NIPOMO COMM SERV DST : Test Date 10/30/81

Meter #T71047

Motor U.S.

H.P. 50.0

Volts 440

Rated RPM 1800

Serial #

3713436

Pump LAYNE & BOWLER

Type TURBINE

Below are the results of the recent test on your pumping plant. Please let us know if you have any questions or if we can be of further service.

Remarks:

- MOTOR LOAD IS 125% OF FULL LOAD CAPACITY.
- THE OVERALL EFFICIENCY OF THIS PLANT IS LOW UNDER EXISTING WATER AND OPERATING CONDITIONS.
- THE TEST RESULTS MAY BE IMPAIRED DUE TO A POOR HYDRAULIC TEST SECTION.

PGandE

NIPOMO COMM SERV DST

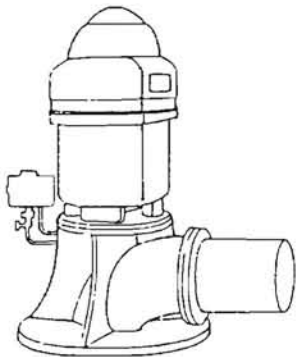
148 S WILSON

NIPOMO CA 93444

Number of Copies:

Customer 1  
Office 2

Plant Location- OMIYA WELL  
Customer Plant Identification- 2192  
Test Engineer- CHRIS COUPER



Shutdown Time  
Standing Water Level Below CENTER LINE OF DISCHARGE PIPE  
Draw Down from Standing to Pumping Level  
Pumping Water Level Below CENTER LINE OF DISCHARGE PIPE  
Discharge Level Above CENTER LINE OF DISCHARGE PIPE  
Discharge Pressure Measured at Gauge  
TOTAL LIFT (Water to Water)  
WATER PUMPED  
Yield of Well (G.P.M. per foot draw down)  
Water Pumped in 24 Hours  
HORSEPOWER INPUT TO MOTOR  
Kilowatt Input to Motor  
KILOWATT HOURS PER 1000 GAL. OF WATER PUMPED  
OVERALL PLANT EFFICIENCY

TEST 2

*	Min. (*=24 hrs.)
341.0	Ft.
39.7	Ft.
380.7	Ft.
168.6	Ft.
73	P.S.I.
549.3	Ft.
187	G.P.M.
4.7	G.P.M./Ft.
269.28	1000 GAL.
69.0	H.P.
51.5	KW.
4.59	Kwh/1000 GAL.
38	%

GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!

COAST VALLEYS Division                      SANTA MARIA Office

Customer Account # LBX6723051                      Location #01512436357259  
 Meter #T71047  
 Motor U.S. \_\_\_\_\_ H.P. 50 0 Volts 440  
 Rated RPM 1800                      Serial # 3713436  
 Pump LAYNE & BOWLER                      Type TURBINE

Dear NIPOMO COMM SERV DIS :                      Test Date 10/30/81

Below are the results of the recent test on your pumping plant. Please let us know if you have any questions or if we can be of further service.

PGandE

NIPOMO COMM SERV DIS

148 S WILSON

NIPOMO CA 93444

Remarks:

- MOTOR LOAD IS 111% OF FULL LOAD CAPACITY.
- THE OVERALL EFFICIENCY OF THIS PLANT IS LOW UNDER EXISTING WATER AND OPERATING CONDITIONS.
- THE TEST RESULTS MAY BE IMPAIRED DUE TO A POOR HYDRAULIC TEST SECTION.

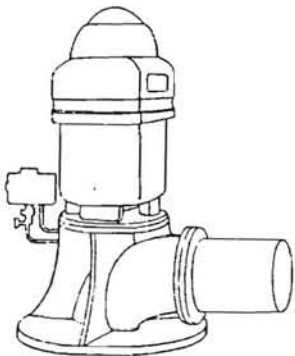
Number of Copies:

Customer                      1  
 Office                              2

Plant Location- OMIYA WELL  
 Customer Plant Identification- 2192  
 Test Engineer- CHRIS COUPER

TEST 3

Shutdown Time	*	Min. (*=24 hrs.)
Standing Water Level Below C/L DISCHRG PIPE	341.0	Ft.
Draw Down from Standing to Pumping Level	29.7	Ft.
Pumping Water Level Below C/L DISCHRG PIPE	370.7	Ft.
Discharge Level Above C/L DISCHRG PIPE	302.6	Ft.
Discharge Pressure Measured at Gauge	131	P.S.I.
TOTAL LIFT (Water to Water)	673.3	Ft.
WATER PUMPED	133	G.P.M.
Yield of Well (G.P.M. per foot draw down)	4.4	G.P.M./Ft.
Water Pumped in 24 Hours	191.52	1000 GAL.
HORSEPOWER INPUT TO MOTOR	61.1	H.P.
Kilowatt Input to Motor	45.6	KW.
KILOWATT HOURS PER 1000 GAL. OF WATER PUMPED	5.71	Kwh/1000 GAL.
OVERALL PLANT EFFICIENCY	37	%



GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!

55-1

COAST VALLEYS Division

SANTA MARIA Office

Customer Account # LBX6723051

Location # 01512436357259

Dear NIPOMO COMM SERV DST

Test Date 11/25/80

Meter # T71047

Motor U.S.

H.P. 50.0 Volts 440

Rated RPM 1800

Serial # 3713436

Pump LAYNE & BOWLER

Type TURBINE

Below are the results of the recent test on your pumping plant. Please let us know if you have any questions or if we can be of further service.

PGandE

NIPOMO COMM SERV DST

148 S WILSON

NIPOMO CA 93444

Remarks:

- MOTOR LOAD IS 116% OF FULL LOAD CAPACITY.
- THE OVERALL EFFICIENCY OF THIS PLANT IS LOW UNDER EXISTING WATER AND OPERATING CONDITIONS.
- THE TEST RESULTS MAY BE IMPAIRED DUE TO A POOR HYDRAULIC TEST SECTION.

Number of Copies:

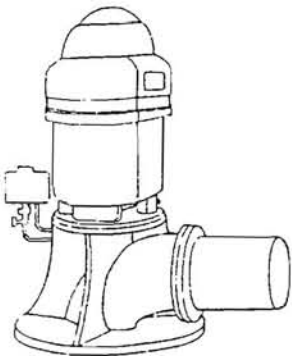
Customer 1  
Office 2

Plant Location- OMIYA WELL  
Customer Plant Identification-  
Test Engineer- ROBERT BURKE, CHRIS COUPER

TEST 1

Shutdown Time		05 Min. (+24 hrs.)
Standing Water Level Below	CENTER LINE OF DISCHARGE PIPE	347.6 Ft.
Draw Down from Standing to Pumping Level		51.9 Ft.
Pumping Water Level Below	CENTER LINE OF DISCHARGE PIPE	399.5 Ft.
Discharge Level Above	CENTER LINE OF DISCHARGE PIPE	18.5 Ft.
Discharge Pressure Measured at Gauge		8 P.S.I.
TOTAL LIFT (Water to Water)		418.0 Ft.
WATER PUMPED		208 G.P.M.
Yield of Well (G.P.M. per foot draw down)		4.03 G.P.M./Ft.
Water Pumped in 24 Hours		299.52 1000 GAL.
HORSEPOWER INPUT TO MOTOR		64.0 H.P.
Kilowatt Input to Motor		47.8 KW.
KILOWATT HOURS PER 1000 GAL OF WATER PUMPED		3.83 Kwh/ 1000 GAL.
OVERALL PLANT EFFICIENCY		34%

GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!



COAST VALLEYS Division

SANTA MARIA Office

Customer Account # LBX6723051

Location # 01512436357259

Meter # T71047

Motor U.S.

H.P. 50.0 Volts 440

Rated RPM 1800

Serial # 3713436

Pump LAYNE & BOWLER

Type TURBINE

Dear NIPOMO COMM SERV DST:

Test Date 03/14/80

Below are the results of the recent test on your pumping plant. Please let us know if you have any questions or if we can be of further service.

PGandL

NIPOMO COMM SERV DST

148 S WILSON

NIPOMO CA 93444

Number of Copies:  
Customer 1  
Office 2

Plant Location- OMIYA WELL  
Customer Plant Identification-  
Test Engineer- ROBERT BURKE

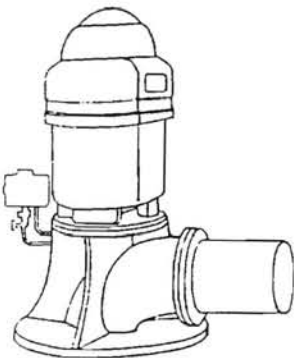
Remarks:

- MOTOR LOAD IS 121% OF FULL LOAD CAPACITY.
- THE OVERALL EFFICIENCY OF THIS PLANT IS LOW UNDER EXISTING WATER AND OPERATING CONDITIONS.

TEST 1

Shutdown Time		05Min. (*=24 hrs.)
Standing Water Level Below	CENTER LINE OF DISCHARGE PIPE	343.0Ft.
Draw Down from Standing to Pumping Level		32.9Ft.
Pumping Water Level Below	CENTER LINE OF DISCHARGE PIPE	375.9Ft.
Discharge Level Above	CENTER LINE OF DISCHARGE PIPE	161.7Ft.
Discharge Pressure Measured at Gauge		70P.S.I.
TOTAL LIFT (Water to Water)		537.6Ft.
WATER PUMPED		191G.P.M.
Yield of Well (G.P.M. per foot draw down)		5.8G.P.M./Ft.
Water Pumped in 24 Hours		275.04 1000 GAL.
HORSEPOWER INPUT TO MOTOR		67.8H.P.
Kilowatt Input to Motor		50.6KW.
KILOWATT HOURS PER 1000 GAL OF WATER PUMPED		4.4Kwh/ 1000 GAL.
OVERALL PLANT EFFICIENCY		38%

GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!



PUMPING PLANT EFFICIENCY COMPARISON

R210CE  
03/20/80

COAST VALLEYS Division

SANTA MARIA Office

Customer Account # LBX6723051  
Customer Plant Identification—

Location # 01512436357259

Dear NIPOMO COMM SERV DST:

Test Date 03/14/80

Below is a pumping plant efficiency comparison made on your pump which we recently tested. This report compares the pump's present operating condition to a higher efficiency level which your pump should obtain.

PGandE

NIPOMO COMM SERV DST

148 S WILSON

NIPOMO CA 93444

Number of Copies:

Customer 1  
Office 2

Plant Location— OMIYA WELL

Meter # T71047 Serial # 3713436

Motor U.S. H.P. 50.0

Pump LAYNE & BOWLER T Type TURBINE

Remarks:

The higher plant efficiency figure selected for comparison is one that we anticipate your pump should be achieving.

We suggest that you consult your pump dealer to determine what can be done to increase the overall pumping plant efficiency.

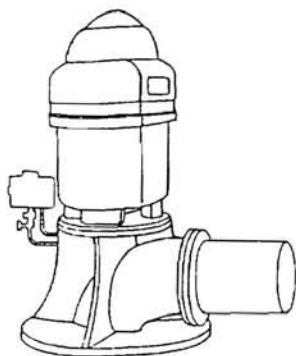
Please contact us when the necessary repair or adjustment is made so a retest of your pump may be made.

Results:

Our estimates indicate that by improving your plant efficiency the following will be realized:

Annual Energy Saved 126150 Kilowatt Hours  
Annual Dollars Saved 5397.84\$  
Annual Operating Time Saved 1564 Hours  
Savings per 1000 GAL. 1.7 Kilowatt Hours

Energy costs are based on the current electric rate for your size of motor and usage.



Water Pumped  
Total Lift  
Horsepower Input to Motor  
Kilowatt Input to Motor  
K.W. H. Per 1000 GAL. Pumped  
Overall Plant Efficiency  
Annual K.W.H. Consumption  
Annual Cost  
1000 GAL. Pumped Annually  
Cost Per 1000 GAL.  
Annual Operating Time

Operating Condition  
At Present

Operating Condition  
After Repair/Adjustment

191 G.P.M.	253 G.P.M.
537.6 Ft.	548.5 Ft.
67.8 H.P.	55.0 H.P.
50.6 K.W.	41.0 K.W.
4.4 KWH/ 1000 GAL.	2.7 KWH/ 1000 GAL.
38%	64%
326505 K.W.H.	200355 K.W.H.
14271.24\$	8873.40\$
74205.6 1000 GAL.	74205.6 1000 GAL.
.19\$/ 1000 GAL.	.11\$/ 1000 GAL.
6452 Hours	4888 Hours

GET THE MOST GALLONS FOR YOUR MONEY WITH EFFICIENT PUMPS!