

**WELL DRILLER'S REPORT**

Please complete this form in its entirety

NOTICE OF INTENT NO. 9113

PRINT OR TYPE ONLY

1. OWNER Westpac Utilities ADDRESS AT WELL LOCATION 1040 El Rancho  
MAILING ADDRESS P. O. Box 10100 Reno, Nevada  
2. LOCATION SW NE NW SE Sec. T6 T. 19 N/S R. 20 E County  
PERMIT NO. 55902 31-010-01 N/A Subdivision Name

3. TYPE OF WORK  
New Well  Recondition   
Deepen  Other   
4. PROPOSED USE  
Domestic  Irrigation  Test   
Municipal  Industrial  Stock   
5. TYPE WELL  
Cable  Rotary   
Other  Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Boulders and coarse sand		0	5	
coarse sand/gravel		5	7	
large boulder		7	8	
layered rock/taking water		8	11	
basalt		11	13	
coarse tight sand		13	17	
cobbles		17	22	
loose cobbles/coarse sand		22	31	
fine to med. gravel/layered rock		31	50	
med. to coarse sand		50	57	
brown clay		57	62	
med. sand and gravel		62	83	
sandy brown clay		83	93	
fine sand		93	118	
layer of gravel		118	119	
fine sand w/clay strks.		119	121	
brown gray clay		121	125	
coarse sand		125	128	
clay w/sand strings		128	134	
sandy brown clay		134	140	
coarse sand		140	144	
tight sand w/gravel layers		144	161	
brown clay		161	169	
layered rock		169	179	
sandy brown clay		179	190	
fine to coarse black sand		190	198	

8. WELL CONSTRUCTION  
Diameter 38 inches Total depth 137 feet  
28 inches Total depth 385 feet  
Casing record 30.5" OD Conductor, 16" OD production  
Weight per foot \_\_\_\_\_ Thickness 3/8  
Diameter From To  
30 inches 0 feet 137 feet  
16 inches +2 feet 143 feet  
16 inches 208 feet 250 feet  
16 inches 250 feet 300 feet  
16 inches 360 feet 375 feet  
Surface seal: Yes  No  Type 10 sack sand grout  
Depth of seal 137' feet  
Gravel packed: Yes  No   
Gravel packed from 0 feet to 385 feet  
\* See attached drawing  
Perforations:  
Type perforation Bar Lug Wire Wrap  
Size perforation .050"  
From 143 feet to 208 feet  
From 250 feet to 260 feet  
From 300 feet to 360 feet

Date started May 5, 1992  
Date completed Sept. 18, 1992

7. WELL TEST DATA PUMPING WATER LEVEL

Pump RPM	G.P.M.	Draw Down	After Hours Pump
1800	1000	85'	6
1800	1300	133'	3
1800	1600	145'	3
1800	1491	162'	48

BAILER TEST  
G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours

9. WATER LEVEL  
Static water level 79 feet below land surface  
Flow 1491 G.P.M. \_\_\_\_\_ P.S.I.  
Water temperature \_\_\_\_\_ °F Quality Good

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision and the report is true to the best of my knowledge.  
Name Layne-Western Company Contractor  
Address P. O. Box 1326/Woodland, CA 95776 Contractor  
Nevada contractor's license number issued by the State Contractor's Board 0019101  
Nevada contractor's driller's number issued by the Division of Water Resources \_\_\_\_\_  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1695  
Signed [Signature] By driller performing actual drilling on site or contractor  
Date Oct. 5, 1992

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1. OWNER Westpac Utilities ADDRESS AT WELL LOCATION.....  
 MAILING ADDRESS.....

*See: log # 40265*

2. LOCATION..... 1/4..... 1/4 Sec..... T..... N/S R..... E..... County.....  
 PERMIT NO. .... Issued by Water Resources..... Parcel No. .... Subdivision Name.....

3. TYPE OF WORK  
 New Well  Recondition  Deepen  Other   
 4. PROPOSED USE  
 Domestic  Irrigation  Test  Stock   
 Municipal  Industrial  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
mixed tight sand		198	213	
fine blue/gray clay		213	238	
brown clay w/sand streaks		238	244	
gray blue clay		244	256	
blue/gray streaks of clay with sand streaks		256	271	
clay w/sand stringers		271	290	
brown sandy clay		290	302	
fine to med. sand		302	310	
light brown sandy clays		310	322	
coarse to med. loose sand		322	342	
brown clay		342	347	
coarse sand		347	351	
brown clay		351	353	
coarse sand/fine gravel with clay lenses (thin)		353	361	
coarse tight sand		361	374	
light yellow clay (firm)		374	382	
sticky yellow clay		382	410	
red/brown volcanic clay		410	425	
hard volcanics		425	457	
decomposed volcanic clay		457	468	
sticky volcanic clays		468	470	

8. WELL CONSTRUCTION  
 Diameter..... inches Total depth..... feet  
 Casing record.....  
 Weight per foot..... Thickness.....  
 Diameter From To  
 Surface seal: Yes  No  Type.....  
 Depth of seal..... feet  
 Gravel packed: Yes  No   
 Gravel packed from..... feet to..... feet  
 Perforations:  
 Type perforation.....  
 Size perforation.....  
 From..... feet to..... feet  
 From..... feet to..... feet  
 From..... feet to..... feet  
 From..... feet to..... feet  
 From..... feet to..... feet

Date started....., 19.....  
 Date completed....., 19.....

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST  
 G.P.M. .... Draw down..... feet ..... hours  
 G.P.M. .... Draw down..... feet ..... hours  
 G.P.M. .... Draw down..... feet ..... hours

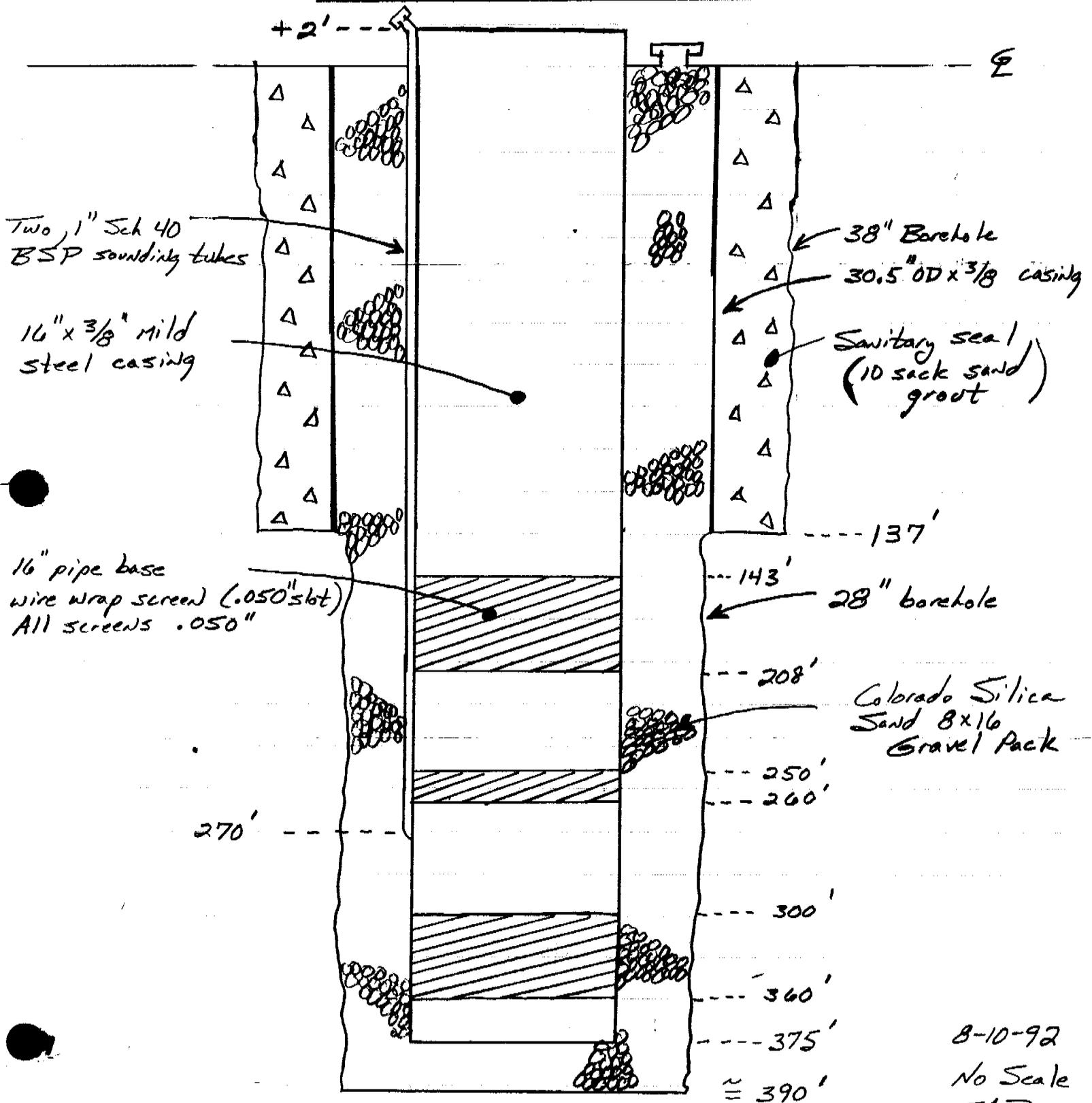
9. WATER LEVEL  
 Static water level..... feet below land surface  
 Flow..... G.P.M. .... P.S.I.  
 Water temperature..... °F Quality.....

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Layne-Western Company Contractor  
 Address P. O. Box 1326/Woodland, CA 95776 Contractor  
 Nevada contractor's license number issued by the State Contractor's Board 0019101  
 Nevada contractor's driller's number issued by the Division of Water Resources.....  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller. 1695  
 Signed [Signature] By driller performing actual drilling on site or contractor  
 Date Oct. 5, 1992



# Layne-Western Company, Inc.

## Well #2 El Rancho Production Well



8-10-92  
No Scale  
TMD