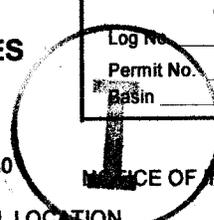


WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340



Log No. \_\_\_\_\_  
 Permit No. \_\_\_\_\_  
 Basin Ø76  
 OFFICE OF INTENT NO. 48637

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

1. OWNER City of Fernley Utilities ADDRESS AT WELL LOCATION Well #14  
 MAILING ADDRESS PO Box 9  
Fernley, NV 89408

2. LOCATION NE 1/4 SE 1/4 Sec. 11 T 20 N/S R 24 E Lyon County  
 PERMIT NO. W-555-B Issued by Water Resources Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Abandon  Other \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand		0	40	40
Clay		40	60	20
Sand and clay		60	85	25
Gray clay		85	95	10
Gravel		95	120	25
Clay & sand		120	155	35
Clay w/small layers of sand			280	125
Gravel and clay		280	320	40
Gravel		320	400	80
Gravel and clay		400	555	155
Consolidated Gravel		555	560	5
Volcanic with clay		560	670	110
Clay		670	685	15
Volcanic gravel w/clay		685	755	70
Gravel and clay mixed		755	1015	260
Pumped neat cement from 1015 feet to 870 feet (6,486.00 lbs. of cement)				

8. WELL CONSTRUCTION  
 Depth Drilled 1015 Feet Depth Cased 850 Feet

HOLE DIAMETER (BIT SIZE)  
 From 11 inches To 1015 Feet  
 \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6-5/8</u>		<u>.250</u>		
<i>see attached</i>				

Perforations:  
 Type perforation triple row  
 Size perforation .90

From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From see attached feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 110'  Neat Cement  
 Placement Method:  Pumped  Poured  Cement Grout  Concrete Grout

Gravel Packed:  Yes  No  
 From 110 feet to 870 feet

9. WATER LEVEL  
 Static water level 86.69 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature Cool °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 Humboldt Drilling & Pump Co., Inc. Contractor  
 Address 4675 W. Winnemucca Blvd Contractor  
Winnemucca, Nevada 89445  
 Nevada contractor's license number issued by the State Contractor's Board 015234  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1713  
 Signed [Signature]  
 By driller performing actual drilling on-site or contractor  
 Date 05/22/03

Date started 4/1/03, 19\_\_\_\_  
 Date completed 4/12/03, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	TEST METHOD:		Time (Hours)
	G.P.M.	Draw Down (Feet Below Static)	
<u>P/L 119.52</u>	<u>500</u>	<u>32.83</u>	<u>8 hrs</u>

RECEIVED  
 DIVISION OF WATER RESOURCES  
 APR 29 2003 10:59 AM  
 TELEPHONE OFFICE

Re: City of Fernley Utilites  
PO Box 819  
Fernley, NV 89408

Attachment  
Casing Schedule

+2	to	250	Blank
250	to	280	Screen
280	to	300	Blank
300	to	380	Screen
380	to	420	Blank
420	to	430	Screen
430	to	570	Blank
570	to	600	Screen
600	to	670	Blank
670	to	690	Screen
690	to	710	Blank
710	to	720	Screen
720	to	730	Blank
730	to	790	Screen
790	to	830	Blank
830	to	840	Screen
840	to	850	Blank

Steel End Cap on Bottom