

OFFICE USE ONLY
Log No. 30702
Permit No. 480036
Basin. 6-23

I

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. _____

1. OWNER Helms Const. ADDRESS AT WELL LOCATION North of Tracy
MAILING ADDRESS Helms Pit across freeway I-80

2. LOCATION N.E. 1/4 SW 1/4 Sec. 27 T. 20 N/S R. 22 E. Washoe County
PERMIT NO. 48976 Issued by Water Resources Parcel No. 22 Subdivision Name _____

3. TYPE OF WORK
New Well Recondition
Deepen Other

4. PROPOSED USE
Domestic Irrigation Test
Municipal Industrial Stock Other

5. TYPE WELL
Cable Rotary
Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Cemented Volcanic Cobbles + Gravel</u>		<u>0</u>	<u>140</u>	<u>140</u>
<u>Gravel, Looser</u>	<u>**</u>	<u>140</u>	<u>165</u>	<u>25</u>
<u>Gravel, Cobbles, silty</u>	<u>*</u>	<u>165</u>	<u>285</u>	<u>120</u>
<u>Rotten Volcanics</u>	<u>*</u>	<u>285</u>	<u>403</u>	<u>118</u>
<u>Light Brown Clay</u>		<u>403</u>	<u>406</u>	<u>3</u>
<u>Rotten, Fractured Volcanics</u>	<u>**</u>	<u>406</u>	<u>502</u>	<u>96'</u>
<u>Slight Lost Circulation</u>	<u>*</u>	<u>502</u>		
<u>Rotten Volcanic Rock</u>	<u>*</u>	<u>502</u>	<u>558</u>	<u>56</u>
<u>Sticky Clay</u>		<u>558</u>	<u>564</u>	<u>6</u>
<u>Clay + Rotten Volcanic</u>	<u>*</u>	<u>564</u>	<u>580</u>	<u>16</u>
<u>Harder Fractured Volcanics</u>	<u>**</u>	<u>580</u>	<u>638</u>	<u>58</u>
<u>Looser Volcanics</u>	<u>**</u>	<u>638</u>	<u>665</u>	<u>27</u>
<u>TD</u>				

8. WELL CONSTRUCTION

Diameter 12 1/4 inches Total depth 665' feet

Casing record 667' X 8 5/8"

Weight per foot _____ Thickness .188

Diameter	From	To
<u>8 5/8</u> inches	<u>+2</u> feet	<u>665</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type Grout

Depth of seal 87' feet

Gravel packed: Yes No

Gravel packed from 37 feet to 665' feet

Perforations:

Type perforation Factory Milled

Size perforation 3/32

From 140 feet to 665' feet

From _____ feet to _____ feet

9. WATER LEVEL

Static water level 125' feet below land surface

Flow _____ G.P.M. _____ P.S.I.

Water temperature 87 °F Quality Clear

Date started Sept. 20, 1988

Date completed Dec. 1, 1988

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>Air Lift</u>	<u>300</u>		<u>8</u>

WELL TEST

G.P.M. _____ Draw down _____ feet _____ hours

G.P.M. _____ Draw down _____ feet _____ hours

G.P.M. _____ Draw down _____ feet _____ hours

10. DRILLER'S CERTIFICATION

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

Name Enloe Drilling Co Contractor

Address P.O. Box 21585, C.C., Nev. 89721 Contractor

Nevada contractor's license number issued by the State Contractor's Board 4739 A

Nevada contractor's driller's number issued by the Division of Water Resources 249

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 794

Signed Jim V. Enloe By driller performing actual drilling on site or contractor

Date 12/16/88

DEC - 6 1988
 RECEIVED
 STATE ENGINEERS OFFICE