

Log No. 17532

Permit No.

Basin 33A

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Hetrick Brothers ADDRESS Orovada, Nevada 89425

2. LOCATION SE 1/4 NE 1/4 Sec. 20 T. 42N N/S R. 37 E Humboldt County
 PERMIT NO.

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/> Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/> Other <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Top Soil		0	3	3
Sand (Granite)		3	10	7
Clay (Gray)		10	22	12
Sand (granite) Course gravel 1 ft. thick		22	37	15
Clay		37	40	3
Gravel		40	46	6
Brown Sandy Clay		46	52	6
Sand and Gravel		52	60	8
Brown Clay		60	63	3
Gravel		63	65	2
Gravel & Boulders		65	78	13
Brown Sandy Clay		78	83	5
Brown Sandy Clay W/Hard Ribs		83	103	20
Brown Sandy Clay (granite Sand)		103	123	20
Granite Sand W/Hard seams		123	143	20
Clay, brown		143	163	20
Brown Sandy Clay (firm)		163	300	137
Clay		300	320	20

8. WELL CONSTRUCTION

Diameter hole 12" inches Total depth 320 feet
 Casing record 6" Casing
 Weight per foot _____ Thickness 1/4"

Diameter	From	To
<u>6-5/8"</u> inches	<u>0</u> feet	<u>320</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes No Type _____
 Depth of seal 93 feet
 Gravel packed: Yes No
 Gravel packed from 93 feet to 320 feet

Perforations:
 Type perforation LOWER
 Size perforation 3/32" x 2"
 From 120 feet to 320 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Date started January 2, 1978, 19_____
 Date completed January 5, 1978, 19_____

7. WELL TEST DATA

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

9. WATER LEVEL

Static water level _____ Feet below land surface
 Flow _____ G.P.M.
 Water temperature _____ ° F. Quality _____

10. DRILLERS CERTIFICATION

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

Name ARMSTRONG BROTHERS
4710 Highway 40 West
 Address Winnemucca, Nevada 89445

Nevada contractor's license number 5348

Nevada driller's license number 617-619-620

Signed By: Joe L. Armstrong

Date January 5, 1978

BAILER TEST

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