DIVISION OF WATER RESOURCES

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLERS REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 5762
Permit No.
Basin

1. OWNER Buckhorn Mine ADDRESS Carlin, NV

2. LOCATION Unsurveyed ¼ Sec. 31? T. 27 N/S R. 49 E. Eureka County
PERMIT NO.

3. TYPE OF WORK
New Well ☑ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☑ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☑
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Altered igneous rock		0	30	30
Unaltered igneous rock		30	47	17
Sand	✓	47	49	2
Solid igneous rock (basalt)		49	129	80
Broken rock	✓✓	129	132	3
Basalt		132	158	
T.D.	158			

Date started 7/22, 19 76
Date completed 8/12, 19 76

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
Air lift	12	7	

BAILER TEST
G.P.M. 27 Draw down 40 feet 3 hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

8. WELL CONSTRUCTION
Diameter hole inches Total depth 158 feet
Casing record 159 ft 8 5/8 x 16 lb
Weight per foot 19.66 Thickness .219

Diameter		From		To	
12 1/4	inches	0	feet	124	feet
9 7/8	inches	124	feet	158	feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet

Surface seal: Yes ☑ No ☐ Type Portland Cement
Depth of seal 40 feet
Gravel packed: Yes ☑ No ☐
Gravel packed from 40 feet to 158 feet

Perforations:
Type perforation Mill slots (65 ft) Torch cut (20 ft)
Size perforation 1/8 x 3 x 16 ft 1/8 x 6 x 4 ft
From 42 feet to 62 feet
From 92 feet to 157 feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 12 Feet below land surface
Flow G.P.M.
Water temperature Cold °F. Quality Unk

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

Name Muth Drilling Co.
Address 203 Pine St.
Nevada contractor's license number 10819
Nevada driller's license number 632
Signed James V. Muth
Date 8/17/76

USE ADDITIONAL SHEETS IF NECESSARY

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