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. 13653
Permit No.
Basin CARD

1. OWNER Jack Creek Guest Ranch ADDRESS Jack Creek via Tuscarora, Nevada

2. LOCATION NW ¼ NE ¼ Sec. 35 T. 42 N/S R. 52 E. Elko 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 |
|---|---|---|---|---|
| Boulders | | 0 | 26 | 26 |
| Basalt (solid) | | 26 | 45 | 19 |
| Broken basalt lava | | 45 | 70 | 25 |
| Water | | 70 | | |
| Broken lava w/clay | 16gpm | | | |
| seams | | 70 | 96 | 26 |
| Solid basalt lava | | 96 | 126 | 30 |
| Lava sand | ✓✓ | 126 | 128 | 2 |
| Solid basalt lava | | 128 | 132 | 4 |
| Alternating layers of solid lava with thin streaks of sand | ✓✓ | 132 | 140 | 8 |
| Solid basalt lava | | 140 | 141 | 1 |
| T.D. 141 | | | | |

Date started 10/24, 19 73
Date completed 11/7, 19 73

7. WELL TEST DATA

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

BAILER TEST
G.P.M. 45 Draw down 55 feet 1 hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

8. WELL CONSTRUCTION
Diameter hole 8 5/8 inches Total depth 141 feet
Casing record 142 ft 8 5/8"
Weight per foot Thickness .188

| Diameter | From | To |
|---|---|---|
| 12 inches | 0 feet | 50 feet |
| 10 inches | 50 feet | 141 feet |
| inches | feet | feet |
| inches | feet | feet |
| inches | feet | feet |
| inches | feet | feet |

Surface seal: Yes ☑ No ☐ Type Concrete
Depth of seal 50 feet
Gravel packed: Yes ☑ No ☐
Gravel packed from 50 feet to 141 feet

Perforations:
Type perforation torch cut
Size perforation 1/8" x 5" x 110
From 80 feet to 135 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 42 Feet below land surface
Flow G.P.M.
Water temperature Cold ° F. Quality good

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. James V. Muth
Address 203 Pine St. Elko
Nevada contractor's license number 10819
Nevada driller's license number 632
Signed James V Muth
Date 11/7/73

USE ADDITIONAL SHEETS IF NECESSARY

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