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. 12499
Permit No.
Basin Fernley Area

1. OWNER John Mackey ADDRESS Fernley Nev

Lot #1

2. LOCATION W ½ SE ¼ Sec. 10 T. 20 N/S R. 24 E. Lyon 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
Sand Top Soil		0	4	4
Sandy (P) Ay		4	21	17
Rotten Basalt		21	35	14
Brown Sand Stone		35	45	10
Basalt		45	52	7
Red Andicite		52	60	8
Basalt Rock	W	60	75	15
Blue Shale		75	80	5

Date started July 6, 1972
Date completed July 12, 1972

7. WELL TEST DATA

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

BAILER TEST
G.P.M. 2½ OFF BOTTOM Draw down ..... feet ..... hours
G.P.M. 160 gal on STORAGE Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION
Diameter hole 6 inches Total depth 80 feet
Casing record 6 5/8 x 62'
Weight per foot 19 8/4 Thickness 188 W

Diameter	From	To
19 inches	0 feet	22 feet
6 inches	22 feet	80 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☒ No ☐ Type Bentonite Cement
Depth of seal 45' feet
Gravel packed: Yes ☐ No ☒
Gravel-packed from ..... feet to ..... feet

Perforations:
Type perforation Torch
Size perforation 1/16 x 6"
From 59' 10 feet to 69' feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 30 Feet below land surface 30
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 A & B Contractors
Address Rt. 1 Box 1 Thisbe Sparks
Nevada contractor's license number 6598
Nevada driller's license number 287
Signed M. Arthur
Date July 12 - 72

USE ADDITIONAL SHEETS IF NECESSARY

5471

OFFICE
STATE ENGINEER

1972 AUG 18 PM 2 13