WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Log No. 21893
Permit No.
Basin

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Southland Royalty Company ADDRESS 1600 First National Bank Building Fort Worth, Texas 76102

2. LOCATION NE ¼ SE ¼ Sec. 16 T. 24 N/~~S~~ R. 36 E. Churchill County
PERMIT NO. Thermal Gradient Hole No. S-27

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
Granite Boulders & Gravel		0	170	170
Water Bearing Sand & Gravel		170	173	3
Clay & Large Gravel		173	260	87
Clay & Boulders		260	480	220
Clay & Gravel		480	700	220
Clay & Granite Boulders		700	840	140
Granite & Clay Seams		840	1115	275
Granite & Quartz		1115	1460	345
Quartz		1460	1475	15
Granite		1475	1500	25

Date started April 28, 19 78
Date completed May 14, 19 78

7. WELL TEST DATA

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

BAILER TEST
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours
G.P.M. ..... Draw down ..... feet ..... hours

8. WELL CONSTRUCTION
Diameter hole 8-3/4 inches Total depth 1,500 feet
Casing record 7-5/8" 0 - 153 Ft.
Weight per foot 20 Lbs. Thickness
Casing 1" 0 To 1496'

Diameter		From		To	
5-7/8	inches	160	feet	910	feet
5-5/8	inches	910	feet	1,180	feet
5-1/8	inches	1,180	feet	1,330	feet
4-3/4	inches	1,330	feet	1,405	feet
4-5/8	inches	1,405	feet	1,460	feet
4-1/2	inches	1,460	feet	1,500	feet

Surface seal: Yes ☒ No ☐ Type Cement
8-3/4" 0 To 160'
Depth of seal feet
1" 0 To 33'
Gravel packed: Yes ☐ No ☒
Gravel packed from feet to feet

Perforations: None
Type perforation
Size perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 150 Feet below land surface 150
Flow G.P.M.
Water temperature Warm ° F. Quality

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

Name Jerrold D. Christiansen
Address 557 Ely Ave., Ely, Nevada 89301
Nevada contractor's license number 14790
Nevada driller's license number 641
Signed Jerrold D. Christiansen
Date May 18, 1978

USE ADDITIONAL SHEETS IF NECESSARY

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