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. 21898
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 NW ¼ SE ¼ Sec. 31 T. 24 N/~~S~~ R. 36 E. Churchill County
PERMIT NO. Thermal Gradient Hole No. H-2

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
Sandy Clay		0	20	20
Blue & Black Clay		20	90	70
Water Bearing Sand & Gravel	X	90	120	30
Clay & Boulders		120	160	40
Clay		160	230	70
Water Bearing Gravel	X	230	240	10
Clay & Boulders		240	945	705
Hard Granite		945	960	15
Clay & Boulders		960	1,440	480
Granite		1440	1500	60

Date started May 23, 1978
Date completed ~~XXX~~ June 11, 1978

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 - 154 Ft.
Weight per foot 20 Lbs. Thickness
Casing 1" 0 To 1,497 Ft.

Diameter		From		To	
6	inches	160	feet	920	feet
5-5/8	inches	920	feet	1,500	feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet

Surface seal: Yes ☒ No ☐ Type Cement
Depth of seal 8-3/4" 0 To 160 Ft. feet
1" 0 To 33 Ft.
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 90 Feet below land surface 90
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 July 3, 1978

USE ADDITIONAL SHEETS IF NECESSARY

5471