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. 23148
Permit No. 41861-506
Basin 10-142 Alkali Spr. V.

1. OWNER Esmeralda County - City of Goldfield ADDRESS P.O. Box 527 Goldfield, NV 89013

2. LOCATION NE ¼ NE ¼ Sec. 10 T. 1 N/S R. 42 E. Esmeralda Count
PERMIT NO. 41861

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

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

5. TYPE WELL
Cable ☐ Rotary ☐
Other ☐ Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sandy soil		0	2	2
Sand and gravel rock		2	77	75
Rock with clay, sand and gravel (hard)		77	165	88
Sand and gravel cemented with little bit of clay mixed		165	193	28
Sand stone with gravel little clay		193	200	7
Sand gravel with clay layers of hard rock (2" 3")		200	276	76
Sand gravel with little clay rock		276	346	70
Hard rock		346	346.5	.5
Sand stone, gravel with little clay and rock		346.5	411	64.5

Date started June 3, 19 81
Date completed July 24, 19 81

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
1050	354	24.5	3
1125	500	40.6	10
1250	650	53.1	10

BAILER TEST N/A
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 24 inches Total depth 420 fee
Casing record 12 3/4 od RMC Copper bearing
Weight per foot 33.38 Thickness .250

Diameter		From		To	
12 3/4	inches	2	feet	250	fee
12 3/4	inches	402	feet	412	fee
	inches		feet		fee
	inches		feet		fee
	inches		feet		fee
	inches		feet		fee

Surface seal: Yes ☒ No ☐ Type Grout
Depth of seal 50 fee
Gravel packed: Yes ☒ No ☐
Gravel packed from 50 feet to ..... feet

Perforations:
Type perforation Johnson Hi-Cap
Size perforation .70"
From 250 feet to 402 feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

9. WATER LEVEL
Static water level 196.9 Feet below land surface
Flow - G.P.M. -
Water temperature - ° F. Quality -

10. DRILLERS CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name E.E. Luhdorff Company A Division of Layne-Western Company Inc.
Address P. O. Box 1[illegible] Woodland, CA 95695
Nevada contr[illegible] [illegible]ber 013647
Nevada [illegible] number 1151 and 832
Sig[illegible] Robert T. Vincent
27 Jul 81

USE ADDITIONAL SHEETS IF NECESSARY

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