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. 14786
Permit No.
Basin

1. OWNER MAGMA ENERGY INC. ADDRESS 631 SO. WITMER ST. LOS ANGELES, CALIF. 90017

2. LOCATION S.W. ¼ S.E. ¼ Sec. 24, T. 20 N/S R. 25 E. LYON County
PERMIT NO.

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

4. PROPOSED USE (GEOTHERMAL)
Domestic ☐ Irrigation ☐ Test ☐
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☒
Other ☐

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SAND W/ STRINGERS OF CLAY		0	335	335
SHALE W/ SOME CLAY		335	1292	957
SAND & CLAY		1292	2085	793
GREY SHALE		2085	3668	1583

WELL NAME - FERNLEY #1
HOLE FILLED WITH DRILLING MUD FROM 3668' TO 50', CEMENT FROM 50' TO SURFACE, CAPPED WITH 1/2" STEEL PLATE 5' BELOW GROUND LEVEL AND ABANDONED

Date started 4/16/, 1975
Date completed 4/27/, 1975

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	NOT TESTED		

BAILER TEST
G.P.M. NONE Draw down ____ feet ____ hours
G.P.M. ____ Draw down ____ feet ____ hours
G.P.M. ____ Draw down ____ feet ____ hours

8. WELL CONSTRUCTION
Diameter hole 7 7/8" inches Total depth 3668 feet
Casing record 13 3/8" TO 323
Weight per foot 54.5 API Thickness

Diameter		From		To	
17½	inches	0	feet	323	feet
7 7/8"	inches	323	feet	3668	feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet

Surface seal: Yes ☒ No ☐ Type CEMENT
Depth of seal 323' TO SURFACE feet
Gravel packed: Yes ☐ No ☒
Gravel packed from ____ feet to ____ feet

Perforations:
Type perforation NONE
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 UNKNOWN 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 EDWARD ZAJAC
Address 631 SO. WITMER ST. L.A. CAL. 90017
Nevada contractor's license number UNKNOWN
Nevada driller's license number 732
Signed Edward Zajac
Date 5/15/75

USE ADDITIONAL SHEETS IF NECESSARY

5471

OFFICE
STATE ENGINEER

1975 JUN 11 AM 9 29