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. 14706
Permit No.
Basin

1. OWNER MAGMA ENERGY INC. ADDRESS 631 SOUTH WITMER ST.
LOS ANGELES, CALIFORNIA, 90017

2. LOCATION S.E. ¼ N.W. ¼ Sec. 12 T. 22 N. N/S R. 26 E. MD B&M CHURCHILL 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 & CLAY		0	460	460
ANDESITE & TUFF		460	610	250
BASALT W/SOME TUFF		610	1050	440
SILTY SAND SOME CLAY		1050	1240	190
BASALT & VOLC TUFF		1240	1490	250
ANDESITE ALT.		1490	1580	90
BASALT W/SOME TUFF		1580	1980	400
SANDY TUFF & ANDESITE		1980	2000	120
ANDESITE & TUFF		2000	2760	760
BASALT & TUFF ALT.		2760	3469	790
NOTE - THIS WELL IS CAPPED WITH A 12" 300# ASA GATE VALVE AND IS PRESENTLY IDLE.				
(WELL NAME, BRADY No. 8)				

Date started 3/26/, 19 75
Date completed 4/14/, 19 75

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
(NOT PUMPED)			

BAILER TEST
G.P.M. NOT BAILED Draw down feet hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

8. WELL CONSTRUCTION
Diameter hole 17½" - 20⅝" inches Total depth 3469 feet
Casing record 13⅜" 54.5# API - 8⅝ - 32# API
Weight per foot 54.5# & 32# Thickness

Diameter		From		To	
13⅜"	inches	0	feet	1048	feet
8⅝"	inches	954	feet	3469	feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet
	inches		feet		feet

Surface seal: Yes ☒ No ☐ Type CEMENT
Depth of seal 1048' TO SURFACE feet
Gravel packed: Yes ☐ No ☒
Gravel packed from feet to feet

Perforations:
Type perforation STRAIGHT SLOTS
Size perforation 5/16" X 2½" - 24 SLOTS P/FT.
From 1671 feet to 3469 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

9. WATER LEVEL
Static water level 25 Feet below land surface
Flow NATURAL G.P.M. 600 EST.
Water temperature 260 ° F. Quality UNKNOWN

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.
Nevada contractor's license number UNKOWN
Nevada driller's license number 1122
Signed [signature]
Date 5/1/75

USE ADDITIONAL SHEETS IF NECESSARY

5471