GEOTHERMAL WELL 31-13 ST#2

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 42955
Permit No.
Basin 10-117

NOTICE OF INTENT NO. 21713

OWNER FISH LAKE POWER COMPANY
MAILING ADDRESS 551 WEST MAIN STREET, Suite 1
BRAWLEY, CA 92227

ADDRESS AT WELL LOCATION
BLM Geothermal Lease N-9647
Well "FLPC 31-13 ST#2"

2. LOCATION NE ¼ NW ¼ Sec. 13 T. 1 N/S R. 35 E. Esmeralda County
PERMIT NO. W-374 (Issued by Water Resources) | Parcel No. | Subdivision Name

3. WORK PERFORMED
☐ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☒ Other Redrill

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

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC
☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Andesite		3645	3725	80
Quartzite	X	3725	5900	2175
Quartzite/Phyllite	X	5900	6151	251

93 OCT 28 P1:13
RECEIVED
STATE ENGINEER'S OFFICE

Date started August 02, 1993
Date completed August 12, 1993

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift N2 Induced

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Free Flow	330	530	35
ST#1/ST#2			

8. WELL CONSTRUCTION
Depth Drilled 6151 Feet Depth Cased 3645 Feet

HOLE DIAMETER (BIT SIZE)
28" From 0 To 120'
22 Inches 120 Feet 1000 Feet
17.5 Inches 1000 Feet 2508 Feet
12.25 Inches 2508 Feet 3848 Feet
8.5 3848 6151

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	125	0.5	0	104
18 5/8	87.5	0.435	0	993
13 3/8	54.5	0.380	0	2498
9 5/8	40	0.395	2195	3843

Perforations:
Type perforation
Size perforation N/A
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 3645
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☐ Yes ☒ No
From feet to feet

9. WATER LEVEL
Static water level 21 feet below land surface
Artesian flow N/A G.P.M. P.S.I.
Water temperature 267 °F Quality Clean

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name FRED PULKA
Address P.O. BOX 84 Contractor
DYER, NV 89010 Contractor
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1841
Signed Fred Pulka
By driller performing actual drilling on site or contractor
Date 10/22/93

(Rev. 3-91)

USE ADDITIONAL SHEETS IF NECESSARY

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