STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116361
Permit No.
Basin 036

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Submit completed well report to the contractor in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 65725

1. OWNER Mr. Tommy Lancaster/Ormat
MAILING ADDRESS HC 65 Box 500 Austin, NV 89310
ADDRESS AT WELL LOCATION UIC-MP McGuinness Hills Geothermal Power Project

2. LOCATION NW ¼ SE ¼ Sec 22 T ~~41N~~ 20N N/S R ~~52~~ 45 E
PERMIT/WAIVER No UNEV2012202 (Issued by Water Resources) 005-370-02 Parcel No.
Latitude 39.57990 Longitude 116.89909 Subdivision Name: Lake Ranch
UTM E N ☐ NAD 27 ☑ NAD 83/WGS 84 County: Lander

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition ☐ Deepen ☐ Other...

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

5. WELL TYPE
☐ Cable ☑ Rotary ☐ RVC ☐ Air ☐ Other... mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
gray clay		0	5	5
gravel		5	25	20
gray clay		25	97	72
gravel		97	104	7
gravel & clay		104	223	119
red clay		223	250	27

RECEIVED 2012 APR 27 AM 10:46 STATE ENGINEERS OFFICE

4/2/2012, 20 12
4/5/2012, 20 12

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
2	234	5

8. WELL CONSTRUCTION
Depth Drilled 250 Feet Depth Cased 250 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8 3/4	Inches	0	Feet	250	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4 1/2	10.79	.237	+2	250

Perforations:
Type of perforation factory mill slot
Size of perforation 3/32"
From 20 feet to 250 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 20
Placement Method: ☐ Pumped ☑ Poured
Gravel Packed: ☑ Yes ☐ No
From 20 feet to 250 feet

Seal Type: ☐ Neat Cement ☑ Cement Grout ☐ Concrete Grout

9. Static water level 16 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature warm °F Quality unknown

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name McKay Drilling, Inc (Contractor)
Address 4850 Joule St. A5 Reno, NV 89502 (Contractor)
Nevada contractor's license number issued by the State Contractors Board 14170
Nevada driller's license number issued by the Division of Water Resources, the Nevada Driller 2121
Signature (By driller performing actual drilling on site or contractor)
Date 4/24/2012

(Rev. 06/10) USE ADDITIONAL SHEETS IF NECESSARY

39.579975 °N
116.898171 °W NAD27