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

OFFICE USE ONLY
Log No. 116362
Permit No.
Basin 036

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

1. OWNER Tommy Lancaster/Ormat
MAILING ADDRESS HC 65 Box 500 Austin, NV 89310

NOTICE OF INTENT NO. 65726
ADDRESS AT WELL LOCATION UIC-MP-4 McGuinnes Hills Geothermal Power Project

2. LOCATION SW ¼ SE ¼ Sec 22 T ~~44N~~ 20N N/S R ~~52~~ 45 E
PERMIT/WAIVER No. UNEV2012202 (Issued by Water Resources) 005-370-02 Parcel No.
Latitude 39.57474
Longitude 116.90186
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
sandy clay		0	250	250

Date started 4/6/2012, 20 12
Date completed 4/11/2012, 20 12

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
10	230	3

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
Seal Type: ☐ Neat Cement ☑ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 20 feet to 250 feet

9. WATER LEVEL
Static water level 20 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 private driller 2121
Signed (By driller performing actual drilling on site or contractor)
Date 4/24/2012

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(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

39.574815°N
116.900941°W NAD27