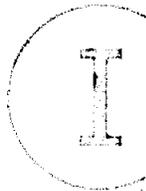


STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
**WELL DRILLER'S REPORT**



OFFICE USE ONLY  
Log No. 106488

Permit No. \_\_\_\_\_  
Basin 031

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

NOTICE OF INTENT NO. 61593

1. OWNER NEVADA GEOTHERMAL POWER, INC. ADDRESS AT WELL LOCATION WW-4  
MAILING ADDRESS 657 Anderson St.  
Winnemucca, NV 89445 Subdivision Name: \_\_\_\_\_ County: Humboldt

2. LOCATION SW 1/4 SW 1/4 Sec 1 T 36N N/S R 34 E Latitude 41.02019 UTM E  NAD 27  
PERMIT/WAIVER No. 76775/W-624 Longitude 118.12000 N  NAD 83/WGS 84  
Issued by Water Resources Parcel No. \_\_\_\_\_

3. WORKED PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

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

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand		0	10	10
Sand w/clay layers		10	35	25
Sand w/shale layers		35	50	15
Sand & gravel w/shale		50	84	34
Sand & gravel w/cobbles		84	108	24
Sand & gravel w/shale & cobbles		108	213	105
Clay w/sand & gravel		213	218	5
Sand & gravel w/cobbles		218	225	7
Clay w/sand and cobbles		225	289	64
Clay w/some sand layers		289	307	18
Clay w/small cobbles		307	395	88
Clay w/some sand & gravel		395	474	79
Gravel w/clay		474	484	10
Clay		484	490	6
Clay w/some cobbles		490	609	119
Clay w/shale layers		609	695	86

N 41.020287  
W 118.119023 NAD83

9. WELL CONSTRUCTION

Depth Drilled 695 Feet Depth Cased 685 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>36</u> Inches	<u>0</u> Feet	<u>50</u> Feet
<u>26</u> Inches	<u>50</u> Feet	<u>695</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>16</u>		<u>.25</u>	<u>+2</u>	<u>685</u>

Perforations:

Type of perforation \_\_\_\_\_ Mill Slot  
Size of perforation 0.25

From +2 feet to 225 blank feet  
From 225 feet to 685 Mill Slot feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Cement Grout 0 to 50  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 100 to 685  Pumped  Poured  
Type: 50

Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Type: \_\_\_\_\_

Date started: March 24, 2008, 20  
Date completed: March 30, 2008, 20

7. Water Level  
Static water level: 214 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: Cool °F  
Quality: Good

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
<u>PWL=514</u>	<u>200</u>	<u>300</u>	<u>6 Hours</u>

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name HUMBOLDT DRILLING & PUMP COMPANY  
Contractor

Address 4975 W. Winnemucca Blvd.  
Contractor

Winnemucca, Nevada 89445

Nevada contractor's license number \_\_\_\_\_  
issued by the State Contractor's Board 56797

Nevada driller's license number issued by the  
Division of Water Resources, the on-site driller 2158

Signed Judi Seach Office  
By driller performing actual drilling on site or contractor

Date 5/7/2008

(Rev. 06-05)

USE ADDITIONAL SHEETS IF NECESSARY