ORIGINAL

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

OFFICE USE ONLY
Log No. 110113
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. 64921

1. OWNER NEVADA GEOTHERMAL-NGP BLUE MOUNTAIN
MAILING ADDRESS SUITE 900-409 GRANVILLE ST.
VANCOUVER, BC. V6C1T2 CANADA

ADDRESS AT WELL LOCATION CTW # 8
DESERT VALLEY / BLUE MOUNTAIN
Subdivision Name: County: Humboldt

2. LOCATION SW ¼ SE ¼ Sec 27 T 36N N/S R 34 E
PERMIT/WAIVER No. 78917 / 78918 | 78922 005-341-29
Issued by Water Resources Parcel No.

Latitude 40* 57.584 N
Longitude 118* 08.774 W
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top Soil		0'	2'	2'
Silty Clay		2'	7'	5'
Sand		7'	14'	7'
Sand & Gravel		14'	61'	47'
Sand, Gravel & Cobbles		61'	314'	253'
Sand, Gravel & Big Cobbles		314'	340'	26'

40.959830°N
118.145255°W
NAD 27 (IN)

Date started: 18-Jan , 20 10
Date completed: 24-Jan , 20 10

9. WELL CONSTRUCTION
Depth Drilled 340' Feet Depth Cased 330' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36"	Inches	0'	Feet	60'	Feet
28"	Inches	60'	Feet	340'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.375"	0'	60'
16"		.250"	+2'	330'
2"		SCH. 80	+1'	182'

Perforations:
Type of perforation JOHNSON WIRE WRAP
Size of perforation 0.100"
From 160' feet to 180' feet
From 190' feet to 270' feet
From 280' feet to 320' feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement 0' to 60' ☒ Pumped ☐ Poured
☒ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 0' to 340' ☐ Pumped ☒ Poured
Type: SRI 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 95' feet below land surface
Artesian Flow: NO G.P.M. 0 P.S.I.
Water Temperature: COOL °F
Quality:

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
CONSTANT	2000	124'	24 HRS

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Hydro Resources Nevada, Inc. dba Humboldt Drilling & Pump
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 Cheryl Jaynes - Office
By driller performing actual drilling on site or contractor
Date 2/9/2010

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY