STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 108432
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. 64680

1. OWNER NGP Blue Mountain 1, L.L.C.
MAILING ADDRESS Suite 900-409 Granville St.
Vancuver, BC Canada V6C1T2

ADDRESS AT WELL LOCATION Injection Production Well BM-BD#1
Subdivision Name: County: Humboldt

2. LOCATION NE ¼ SE ¼ Sec 15 T 36N N/S R 34 E
PERMIT/WAIVER No. 77405 (issued by Water Resources) 05-341-16 Parcel No.

Latitude N 40' 59.659
Longitude W 118' 08.710
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
Sand		0	5	5
Clay		5	20	15
Sand w/ Gravel		20	105	85
Gravel w/ Clay		105	170	65
Silty Clay		170	180	10
Coarse Gravel		180	195	15
Gravel w/ Clay		195	210	15

40.994414°N
118.144180°W
NAD 27 (A)

Date started: 7-Aug, 20 09
Date completed: 8/9/2009, 20

9. WELL CONSTRUCTION
Depth Drilled 210 Feet Depth Cased 200 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26	Inches	0	Feet	210	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16		.250	+2	110
16		.250	190	200

Perforations:
Type of perforation SS Screen
Size of perforation .100 slot
From 110 feet to 190 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☐ Neat Cement		to	☐ Pumped	☐ Poured
☒ Cement Grout	0	to 102	☒ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout		to	☐ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 102 to 210 ☒ Pumped ☐ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No 102 to 105 ☒ Pumped ☐ Poured
Type: Kwik plug bentonite chips 3/8"

7. Water Level
Static water level: 93.2 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 118 °F
Quality: fair

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Step	1200	11.24	1.0

STATE ENGINEERS OFFICE
2009 AUG 28 AM 11:26
RECEIVED

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 1713
Signed (By driller performing actual drilling on site or contractor)
Date 08/27/09

(Rev. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY