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

OFFICE USE ONLY
Log No. 108399
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. 63011

1. OWNER NGP Blue Mountain 1, LLC
MAILING ADDRESS Suite 900-409 Granville St
Vancouver, BC Canada V6C1T2

ADDRESS AT WELL LOCATION
Well CTW # 3
Subdivision Name: County: Humboldt

2. LOCATION NW ¼ NE ¼ Sec 35 T 36N N/S R 34 E
PERMIT/WAIVER No. 77404 (Issued by Water Resources) 05-341-36 (Parcel No.)
Latitude 40* 57.359 N
Longitude 118* 07.720 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'
Blow Sand		2'	18'	16'
Sand & Silty Clay		18'	32'	14'
Sand & Gravel w/Cobbles		32'	57'	25'
Clay w/Sand Layers		57'	61'	4'
Sand & Gravel w/Cobbles		61'	250'	189'
Hard Clay w/Sand & Gravel		250'	255'	5'
Black Hard Rock w/Clay		255'	355'	100'

40.956080°N
118.127689°W
NAD 27

Date started: 18-Jun, 20 09
Date completed: 24-Jun, 20 09

7. Water Level
Static water level: 73.46 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
Quality: Good

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
CONSTANT	150	48.10	24
PL = 121.56			

9. WELL CONSTRUCTION
Depth Drilled 355 Feet Depth Cased 350 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36	Inches	0	Feet	60	Feet
28	Inches	60	Feet	355	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	350
2		SCH. 80	+1	220

Perforations:
Type of perforation WIRE WRAP SCREEN
Size of perforation 0.1
From 120 feet to 200 feet
From 220 feet to 340 feet
From feet to 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 355' ☐ Pumped ☒ Poured
Type: Gopher Gravel 1/4" X 1/8"
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

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 Co (Contractor)
Address 4975 W. Winnemucca Blvd (Contractor)
Winnemucca, NV 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 8/5/2009

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY