ORIGINAL

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

OFFICE USE ONLY
Log No. 108784
Permit No.
Basin 831

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. 64677

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

ADDRESS AT WELL LOCATION EBH-9
Desert Valley
Subdivision Name: County: Humboldt

2. LOCATION SE ¼ SW ¼ Sec 27 T 36N N/S R 34 E
PERMIT/WAIVER No. W630B (issued by Water Resources) 05-341-29 Parcel No.

Latitude N 40' 57.595
Longitude W 118' 09.075
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	15	15
Sand and Gravel		15	90	75
Coarse Gravel & Cobbles		90	220	130
Sand, Gravel & Clay		220	320	100
Clay		320	340	20

40.960014°N
118.150272°W
NAD 27 (+8)

Date started: 12-Aug, 20 09
Date completed: 13-Aug, 20 09

9. WELL CONSTRUCTION
Depth Drilled 340 Feet Depth Cased 335 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10	Inches	0	Feet	340	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8		.188	+2	335

Perforations:
Type of perforation Mill Slot
Size of perforation .090" x 3
From 160 feet to 320 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 30' ☐ Pumped ☒ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 100 to 340 ☐ Pumped ☒ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No 30 to 100 ☐ Pumped ☒ Poured
Type: 3/8" Hole plug

7. Water Level
Static water level: 94.6 feet below land surface
Artesian Flow: G.P.M. 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	280	6.70	

STATE ENGINEERS OFFICE
2009 SEP 25 AM 11:06
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 Cheryle Jaynes - Office (By driller performing actual drilling on site or contractor)
Date 9/22/2009

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY