

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

OFFICE USE ONLY  
Log No. 113107  
Permit No. \_\_\_\_\_  
Basin φ49

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. 45935 (i)

1. OWNER NV Energy  
MAILING ADDRESS P.O. Box 10100 Reno NV 89520  
ADDRESS AT WELL LOCATION NV Energy Elko Facility 800 Silver St Elko Nevada  
Subdivision Name: \_\_\_\_\_ County: Elko  
2. LOCATION NE 1/4 NE 1/4 Sec 15 T 34 R 55 E Latitude N 40.83394° UTM E  NAD 27  
PERMIT/WAIVER No. mlc 1463 Longitude W 115.75824° 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  
 Municipal/Industrial  Monitor  Stock  
5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gravel sand silt	no	0	5	5
silt clay	no	5	10	5
sand silt clay	no	10	15	5
sand clay	yes	15	20	5
Gravel sand silt	yes	20	30	10
silt sand	yes	30	50	20
silt sand clay	yes	50	60	10

Plugged by  
Well log 115172

40.834019° N NAD27  
115.757339° W

MW-15  
F-000883  
Facility ID#

\* 2 of 5 monitoring wells under this NOI \*

9. WELL CONSTRUCTION

Depth Drilled	Feet	Depth Cased	Feet
<u>60</u>		<u>60</u>	

HOLE DIAMETER (BIT SIZE)

	From	To	Feet
<u>10"</u>	<u>0</u>	<u>60</u>	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4"</u>		<u>Schedule 40</u>	<u>0</u>	<u>20</u>
<u>4"</u>		<u>Schedule 40</u>	<u>50</u>	<u>60</u>

Perforations:

Type of perforation Factory slot  
Size of perforation .630

From 20 feet to 50 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement 0 to 16  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 16 to 60  Pumped  Poured  
Type: silica sand 10/20  
Bentonite Chips:  Yes  No 16 to 16  Pumped  Poured  
Type: 1/4 coated pellets

7. Water Level  
Static water level: 18 feet below land surface  
Artesian Flow: no G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
Water Temperature: 68.5 °F  
Quality: \_\_\_\_\_

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

STATE ENGINEERS OFFICE  
2011 FEB 17 AM 11:21  
RECEIVED

10. DRILLER'S CERTIFICATION

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

Name HAZ-Tech Drilling Inc Contractor  
Address P.O. Box 940 Contractor  
Meridian Id 83680  
Nevada contractor's license number \_\_\_\_\_  
issued by the State Contractor's Board 0038003  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2412-m-LTD

Signed Daniel Gonzalez  
By driller performing actual drilling on-site or contractor  
Date 2/9/11