

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

OFFICE USE ONLY  
Log No. 124262  
Permit No. \_\_\_\_\_  
Basin No. 064

PRINT OR TYPE IN BLACK INK 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. 74325  
WELL NAME (if applicable): LF-7

1. OWNER/CLIENT NAME NV Energy  
MAILING ADDRESS 23755 Treaty Hill Rd.  
Valmy NV 89438

DETAILED ADDRESS AT WELL LOCATION 23755 Treaty Hill Rd.  
Valmy NV 89438  
Subdivision Name North Valmy Power Plant County: Humboldt

2. PLS LOCATION SE 1/4 NE 1/4 20 Sec 35 T33 N 43 E  
PERMIT/WAIVER NO. MP-2034 3543-20-100-wcl  
Issued by Water Resources Current Parcel No.

Latitude N 117.15139° UTM E  NAD 27  
Longitude N 40.89567 UTM N  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Deepen: Orig WL# \_\_\_\_\_  
 Replacement: Original well log # \_\_\_\_\_  
 Recondition: Original well log # \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Irrigation  Monitor  
 Mining / Dewater  Com / Ind  Stock  
 Test / Other  Mun / QM  Rec

5. WELL TYPE  
 Auger  Rotary  RVC  
 Air  Mud  Sonic  
 Other

6. LITHOLOGIC LOG					
Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
Aluminum Clay		NO		35'	
Basalt		Yes	85'	90'	
Cement			0'	20'	
3/8" Chip Sand			20'	23'	
			23'	90'	
SCH8 PVC Blank			+2'	25'	
SCH80 PVC Screen			25'	85'	
SCH80 PVC Blank			85'	90'	

9. WELL CONSTRUCTION  
Depth Drilled: 90' Feet Depth Cased: 90' Feet

HOLE DIAMETER (BIT SIZE)			
From	To	From	To
16" Inches	0' Feet	20' Feet	20' Feet
10 3/4" Inches	20' Feet	90' Feet	90' Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5"		6CH80 PVC	+2'	25'
4.5"		SCH8-PVC	85'	90' + 64'

PERFORATIONS:  
Type of perforation: Slotted  
Size of perforation: 2.10"  
From 25' Feet To 85' Feet  
From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet  
From \_\_\_\_\_ Feet To \_\_\_\_\_ Feet

ANNULAR MATERIALS

<input checked="" type="checkbox"/> Sanitary Seal <u>0'</u> to <u>20'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Neat Cement <u>0'</u> to <u>20'</u>	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout _____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout _____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Bentonite Chips <u>23'</u> to <u>20'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Bentonite Grout <u>20'</u> to <u>23'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> 15 % <input type="checkbox"/> 20 % <input type="checkbox"/> Other, explain: _____		
<input type="checkbox"/> Gravel Pack [ > 0.2 in. ] _____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Sand Pack [ < 0.2 in. ] <u>23'</u> to <u>90'</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Other, explain: _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Date started: 12-10 20 15  
Date completed: 12-11 20 15

7. WATER QUALITIES  
Static water level: 88' Feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: 25 ° Fahrenheit  
Water Quality: Clear

8. WELL TEST DATA

Test Method:	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
<u>90'</u>	<u>10</u>		<u>1/2 hr</u>

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision. This report is true to the best of my knowledge.  
Name Hard Rock Exploration Contractor  
Address 5700 Belsera Ct. Reno NV 89519 Contractor

Nevada contractor's license number as issued by the State Contractor's Board: 048195A 48915A  
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 1957  
Signed: \_\_\_\_\_  
By driller performing actual drilling on site or contractor  
Date: 12-11-15