

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

OFFICE USE ONLY
Log No. 124263
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. 74326
WELL NAME (if applicable): LF-8

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 NW 1/4 SW 1/4 21 Sec 35 T18S 43 E
PERMIT/WAIVER NO. M10-2036 3543-21-100-ndc
Issued by Water Resources Current Parcel No.

Latitude W 117.14529 UTM E NAD 27
Longitude N 40.89279 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	Thick-ness
Aluminum Clay/Gravel			0'	15'	15'
Basalt		Yes	15'	37'	22'
			37'	108'	71'
Neat Cement			0'	20'	
Cement + Grout			20'	44'	
3/8 bentonite chip			44'	46'	
Sand			46'	108'	
4.5" PVC SCH 80 Blank			+2	48'	50'
4.5" SCH 80 PVC Green sand cap			48'	108'	60'

9. WELL CONSTRUCTION
Depth Drilled: 108' Feet 108' Depth Cased: _____ Feet

HOLE DIAMETER (BIT SIZE)			
	From	To	
	0"	20'	Feet
	16"	20'	Feet
	10 3/4"	108'	Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5"		SCH 80	+2	48'

PERFORATIONS:
Type of perforation: Slotted
Size of perforation: .010
From 48' Feet To 108' Feet
From _____ Feet To _____ Feet
From _____ Feet To _____ Feet

ANNULAR MATERIALS
 Sanitary Seal 0' to 20' Pumped Poured
 Neat Cement 0' to 20' Pumped Poured
 Cement Grout 20' to 44' Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 Bentonite Chips 44' to 46' Pumped Poured
 Bentonite Grout _____ to _____ Pumped Poured
 15 % 20 % Other, explain: _____
 Gravel Pack [> 0.2 in.] _____ to _____ Pumped Poured
 Sand Pack [< 0.2 in.] 46' to 108' Pumped Poured
 Other, explain: _____ to _____ Pumped Poured

7. WATER QUALITIES
Static water level: 88' Feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: 76 ° Fahrenheit
Water Quality: Clear

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 5100 Belsera Ct. Reno NV 89519 Contractor

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			
108'	10		1/2 hr.

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: _____
Date: 12-10-15