



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

OFFICE USE ONLY
 Log No. 102350
 Permit No. _____
 Basin 064

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 58846

1. OWNER Sierra Pacific Power Co. MW-3 ADDRESS AT WELL LOCATION North Valmy Power Plant,
6100 Neil Road 40° 56' 35.2"N 116° 57' 15.0"W
 MAILING ADDRESS Reno, NV. 89511 Battle Mountain, NV.
 Subdivision Name: N/A County: LANDER

2. LOCATION NW 1/4 NW 1/4 Sec 6 T35N R45E Latitude 40-56-35.2N UTM E NAD 27
 PERMIT/WAIVER NO. MO-1429 Parcel No. N/A Longitude 116-57-25W N NAD 83/WGS 84

3. WORK 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 and topsoil		0	15'	15'
Alluvial gravel		15'	20'	5'
Tan clay		20'	80'	60'
Alluvial gravel and clay		80'	335'	255'
Basalt		335'	360'	25'
No returns		360'	610'	250'
Cemented sandstone		610'		
and gravel			660'	50'
RECEIVED 2006 DEC 15 AM 10:34 STATE ENGINEERS OFFICE				
40.943111 N 116.957167 W NAD27				
Vibrating wire transducer set at 598.4'				
Date started:		11-27, 20 06		
Date completed:		12-02, 20 06		

9. WELL CONSTRUCTION
 Depth Drilled 660 Feet Depth Cased 648.4 Feet
 HOLE DIAMETER (BIT SIZE)
 From 14.750 Inches To 0 Feet 20 Feet
 Inches Feet Feet
8.750 Inches 20 Feet 660 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.750	28.035	0.250	+3	20 Steel
2.375	0.950	0.218	+1	648.4 PVC

Perforations:
 Type of perforation Milled Slot PVC
 Size of perforation 0.020"
 From 498.4 feet to 648.4 feet
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet

Annular Seal: Yes No
 Neat Cement 0 to 52.4' Pumped Poured
 Cement Grout to Pumped Poured
 Concrete Grout to Pumped Poured
 ≥30% Bentonite Grout to Pumped Poured
 Gravel Pack: Yes No 492' to 660' Pumped Poured
 Type: #6 SRI gravel
 Bentonite Chips: Yes No 383.6' to 492' Pumped Poured
 Type: MI 3/8" Kwik Plug medium

7. Water Level
 Static water level: 164.2 feet below land surface
 Artesian Flow: No G.P.M. N/A P.S.I.
 Water Temperature: Cool °F
 Quality: Fair

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Lang Exploratory Drilling
 (CONTRACTOR)

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>22</u>	<u> </u>	<u>2</u>

Address P.O. Box 5279
 (CONTRACTOR)
Elko, NV 89802-5279
 Nevada contractor's license number issued by the State Contractor's Board 0021976
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2039
 Signed
 By driller performing actual drilling on site or contractor

