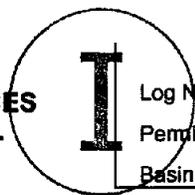


STATE OF NEVADA
 DIVISION OF WATER RESOURCES
 WELL DRILLER'S REPORT



OFFICE USE ONLY

Log No. 102214
 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. **58844**

1. OWNER **Sierra Pacific Power Company** MW-1 ADDRESS AT WELL LOCATION **North Valmy Power Plant, Battle Mountain, NV.**
 MAILING ADDRESS **6100 Neil Road Reno, NV. 89511** Subdivision Name: **NA** County: **Lander**

2. LOCATION **NE 1/4 NE 1/4 Sec 26 T36 N R44 E** Latitude **40° 58.21 N** UTM E NAD 27
 PERMIT/WAIVER NO. **MO-1429** Parcel No. **N/A** Longitude **116° 58.26 W** N NAD 83/WGS 84

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Other _____
 4. PROPOSED USE
 Domestic Irrigation Test Monitor Stock
 Municipal/Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sand, silt, and topsoil		0	10'	10'
Alluvial clays and gravel		10'	355'	345'
Black basalt		355'	375'	20'
Alluvium with rhyolite gravels and clay mix		375'	652'	277'

9. WELL CONSTRUCTION
 Depth Drilled **652** Feet Depth Cased **650** Feet
 HOLE DIAMETER (BIT SIZE)
 From **14.750** Inches To **0** Feet **20** Feet
 _____ Inches _____ Feet _____ Feet
8.750 Inches **20** Feet **652** 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	0.95	0.218	+1	650 PVC

Perforations:
 Type of perforation **Milled Slot PVC**
 Size of perforation **0.020"**
 From **450** feet to **650** feet
 From _____ feet to _____ feet

Annular Seal: Yes No
 Neat Cement 0 to 52' Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured
 Gravel Pack: Yes No **439'** to **652'** Pumped Poured
 Type: **#6 SRI gravel**
 Bentonite Chips: Yes No **254'** to **439'** Pumped Poured
 Type: **MI 3/8" Kwik Plug medium**

Date started: **11-15, 20 06**
 Date completed: **11-21, 20 06**

7. Water Level
 Static water level: **150.24** feet below land surface
 Artesian Flow: **No** G.P.M. **N/A** P.S.I.
 Water Temperature: **Cool** °F
 Quality: **Fair**

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	21		3

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)

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
 Date **12-8-06**

491

RECEIVED
 2006 DEC 15 AM 10:34
 STATE ENGINEERS OFFICE

40.972500 N
 116.973689 W NAD83

aw

49a

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

OFFICE USE ONLY
Log No. 102214
Permit No.
Basin

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NOTICE OF INTENT NO. 58844

1. OWNER Sierra Pacific Power Company MW-1 ADDRESS AT WELL LOCATION North Valmy Power Plant, Battle Mountain, NV.
MAILING ADDRESS 6100 Neil Road Reno, NV. 89511
Subdivision Name: NA County: Lander

2. LOCATION NE 1/4 NE 1/4 Sec 26 T 36 N R 44 E Latitude 40° 58.21 N UTM E NAD 27
PERMIT/WAIVER NO. MO-1429 N/A Longitude 116° 58.26 W N NAD 83/WGS 84

3. WORK PERFORMED: [X] New Well, [] Replace, [] Recondition, [] Deepen, [] Other
4. PROPOSED USE: [] Domestic, [] Municipal/Industrial, [] Irrigation, [] Monitor, [] Test, [] Stock
5. WELL TYPE: [] Cable, [] Rotary, [] Air, [] Other, [X] RVC

LITHOLOGIC LOG table with columns: Material, Water Strata, From, To, Thickness. Includes vertical stamp: RECEIVED 2006 DEC 15 AM 10:34 STATE ENGINEERS OFFICE

9. WELL CONSTRUCTION
Depth Drilled 652 Feet Depth Cased 650 Feet
HOLE DIAMETER (BIT SIZE)
From To
Inches Feet Feet Feet

CASING SCHEDULE table with columns: Size O.D. (Inches), Weight/Ft. (Pounds), Wall Thickness (Inches), From (Feet), To (Feet). Values: 2.375, 0.950, 0.218, +1, 250

Perforations:
Type of perforation Mill Slot
Size of perforation 0.020"
From 200 feet to 250 feet

Annular Seal: [] Yes [] No
[] Neat Cement to [] Pumped [] Poured
[] Cement Grout to [] Pumped [] Poured
[] Concrete Grout to [] Pumped [] Poured
[] >30% Bentonite Grout to [] Pumped [] Poured
Gravel Pack: [X] Yes [] No 193.7' to 254' [X] Pumped [] Poured
Type: #6 SRI gravel
Bentonite Chips: [X] Yes [] No 52' to 193.7' [X] Pumped [] Poured
Type: MI 3/8" Medium Kwik Plug

Date started: 11-15, 20 06
Date completed: 11-21, 20 06

7. Water Level
Static water level: 154.6 feet below land surface
Artesian Flow: G.P.M. 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 table with columns: TEST METHOD, G.P.M., Draw Down (Feet Below Static), Time (Hours). Values: 11, 2

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 [Signature]
By driller performing actual drilling on site or contractor
Date 12-8-06