Mp-1

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

OFFICE USE ONLY
Log No. 12175
Permit No.
Basin [redacted] 101

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. [redacted] T1955

1. OWNER Enel Stillwater LLC
MAILING ADDRESS 1750 E. Plum Lane
Reno, NV 89502

ADDRESS/AT WELL LOCATION Stillwater Power Plant
Subdivision Name:
County: Churchill

2. LOCATION NW NW 1/4 Sec 1 T 19 N/S R 30 E
PERMIT/WAIVER No. 1964 M/O 009-032-16
Issued by Water Resources Parcel No.

Latitude N 39° 32.895 UTM E NAD 27
Longitude W 118° 34.458 N ☒ NAD 83/WGS 84

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 Mud

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Dark-Brown | | | | |
| Sandy Silt | | 0 | 40 | 40 |
| Tan-Brown | | | | |
| Silt-Sand | | 40 | 70 | 30 |
| Same | | 70 | 100 | 30 |
| Gray Clay | | 100 | 110 | 10 |
| Green Gray | | | | |
| with Sand Silt | | 110 | 130 | 20 |
| Same | | 130 | 170 | 40 |
| Clay - Silt | | 170 | 190 | 20 |
| Gray Clay Fine | | | | |
| Sand - Silt | | 190 | 200 | 10 |
| Same | | 200 | 230 | 30 |
| 70% Clay 50% | | | | |
| Silt, 10% Fine | | 230 | 300 | 70 |
| Sand | | | | |
| Flanges was Welded to | | | | |
| Casing 3 1/2 was Welded | | | | |
| To Flanges, Ball Valves | | | | |
| were Installed | | | | |

Date started: 12/20, 20 14
Date completed: 12/23, 20 14

7. Water Level
Static water level: Artesian feet below land surface
Artesian Flow: 95 G.P.M. 15 P.S.I.
Water Temperature: Warm °F
Quality: Cloudy

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| | | |

9. WELL CONSTRUCTION
Depth Drilled 300' Feet Depth Cased 301'-6" Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 12 1/4 | Inches | 0 | Feet | 100' | Feet |
| 5 5/8 | Inches | 100 | Feet | 300' | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 7" | | .250 J-55 | T/ | 100 |
| 3.5 | | .261 J-55 | 18" | 300 |
| | | | | |

Perforations:
Type of perforation Torch Cut
Size of perforation 1/8 x 4" 3 ROWS 1" Apart
From feet to feet
From feet to feet
From 100' feet to 299' feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 100 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 95 to 300 ☐ Pumped ☒ Poured
Type: 3/8 minus
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Leach Drilling Inc
Contractor
Address P.O. Box 599
Contractor
Silver Springs NV 89429
Nevada contractor's license number 31841
issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1876
Signed
By driller performing actual drilling on-site or contractor
Date Jan 12, 2015

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 06-06)

NAD27
39.548314°N
118.573150°W

(NSPO 3-08) (O) 627