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

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

OFFICE USE ONLY
Log No. 123573
Permit No.
Basin No. 037

NOTICE OF INTENT NO.
WELL NAME (*if applicable*):

1. OWNER/CLIENT NAME Western Exploration LLC
MAILING ADDRESS 3 Lindwood Land Ave. Suite 140
Reno NV. 89523

DETAILED ADDRESS AT WELL LOCATION
*Subdivision Name:* *County:* Elko

2. PLS LOCATION NW ¼ SE ¼ 24 Sec T44 N/S R53 E
PERMIT/WAIVER NO. MM-194 *Issued by Water Resources* *Current Parcel No.*

Latitude UTM E 586799 ☐ NAD 27
Longitude UTM N 4616115 ☒ 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 |
|---|---|---|---|---|
| Rhyolite flow | | | 0 | 270 |
| Rhyolite flow | | ✓ | 270 | 275 |
| Rhyolite flow | | | 275 | 420 |
| Rhyolite flow | | ✓ | 420 | 430 |
| Rhyolite flow | | | 430 | 435 |
| Rhyolite flow | | ✓ | 435 | 440 |
| Rhyolite flow | | | 440 | 462 |
| NAD 27 | | | | |
| 41.692178 | | | | |
| 115.956024 | | | | |

Date started: 9-9 .20 14
Date completed: 9-13 .20 14

9. CONSTRUCTION
Depth Drilled: 462 Feet Depth Cased: 462 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 17½ | Inches | 0 | Feet | 50 | Feet |
| 10 5/8 | Inches | 50 | Feet | 462 | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 12½ | | .250 | 0 | 50 |
| 6 3/4 | 7.4 | SDR19 | 0 | 342 |
| 6 3/4 | 7.4 | SDR19 | 442 | 462 |

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

| | | | | | |
|---|---|---|---|---|---|
| ☒ Neat Cement | 0 | to 50 | ☒ Pumped | ☐ Poured | |
| ☐ Cement Grout | | to | ☐ Pumped | ☐ Poured | |
| ☐ Concrete Grout | | to | ☐ Pumped | ☐ Poured | |
| ☒ Bentonite Chips | 50 | to 140 | ☐ Pumped | ☒ Poured | |
| ☐ Gravel Pack [ > 0.2 in. ] | | to | ☐ Pumped | ☐ Poured | |
| ☒ Sand Pack [ < 0.2 in. ] | 140 | to 462 | ☐ Pumped | ☐ Poured | Tremie Pipe |
| ☐ Other, explain: | | to | ☐ Pumped | ☐ Poured | |

PERFORATIONS:
Type of perforation: Factory Slot
Size of perforation: .020

| | | | |
|---|---|---|---|
| From | Feet | To | Feet |
| From 342 | Feet | To 442 | Feet |
| From | Feet | To | Feet |
| From | Feet | To | Feet |
| From | Feet | To | Feet |

7. WATER QUALITIES
*Static water level:* 263 Feet below land surface
Artesian Flow: no G.P.M. P.S.I.
Water Temperature: 55 ° Fahrenheit
Water Quality: Good

8. WELL TEST DATA
*Test Method:* ☐ Bailer ☐ Pump ☒ Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|---|
| Air lift | 38 | 7 | 1½ |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Enviro-tech Drilling *Contractor*
Address 4105 W. WMCA BLVD WMCA NV. 89445 *Contractor*
Nevada contractor's license number as issued by the *State Contractor's Board:* 0075392
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2384
Signed: Shawn Mikelson *By driller performing actual drilling on site of contractor*
Date:

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(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. of pg.