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

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

OFFICE USE ONLY
Log No. 121095
Permit No.
Basin No. 037

NOTICE OF INTENT NO.
WELL NAME (If applicable):

1. OWNER/CLIENT NAME Western Exploration LLC
MAILING ADDRESS 21 Woodland 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			270	420
Rhyolite flow		✓	420	430
Rhyolite flow			430	435
Rhyolite flow		✓	435	440
Rhyolite flow			440	462
NAD 27				
41.692178°N				
115.956024°W				

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

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)
Airlift	38	7	1½

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
6¾	7.4	SDR19	0	342
6¾	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
342		442	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Envirotech 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 or contractor)
Date: 10-10-14

2014 NOV -7 AM 10:34
STATE ENGINEERS OFFICE
RECEIVED

USE ADDITIONAL SHEETS IF NECESSARY

pg. of pg.

Plugged by Well log 126326