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

OFFICE USE ONLY
Log No. 115342
Permit No.
Basin Ø49

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. 67998

1. OWNER City of Elko, Nevada
MAILING ADDRESS 1755 College Av
Elko, NV 89828

ADDRESS AT WELL LOCATION FRONTAGE ROAD BAR L RANCH
"EXIT 298 Monitor well"
Subdivision Name: County: Elko

2. LOCATION SW ¼ NW ¼ Sec 30 T 34 N S R 55 E
PERMIT/WAIVER No. M/O-1818 | 001-679-007
Issued by Water Resources Parcel No.

Latitude W40°-48'23" UTM E ☐ NAD 27
Longitude N115°49'46" 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
aluvial sands/gravels		0	120	120
brown clay		120	130	10
Clay, sands/gravels	140	130	300	170
river sands, gravel	180	300	400	100
	190			
	320			
	340			
	365			
	380			

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Date started: 5.15, 20 12
Date completed: 5.23, 20 12

7. Water Level
Static water level: 12 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cold °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
100		14

9. WELL CONSTRUCTION
Depth Drilled 400 Feet Depth Cased 395 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9 7/8	Inches	0	Feet	400	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"			+2	395

Perforations:
Type of perforation mill slot
Size of perforation .20
From 180 feet to 380 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 20 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 20 to 115 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 120 to 400 ☒ Pumped ☐ Poured
Type: no. 8 sand
Bentonite Chips: ☒ Yes ☐ No 115 to 120 ☒ Pumped ☐ Poured
Type: 3/8 chips, time released

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Alternative Drilling Co LLC
Contractor
Address P.O. Box 281166
Contractor
Lamoille NV 89828
Nevada contractor's license number issued by the State Contractor's Board 73955
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2465
Signed Logan Rosenlund
By driller performing actual drilling on-site or contractor
Date 5-31-12

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

40.806468 °N NAD27
115.828541 °W

(NSPO 3-08) (O) 627