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

OFFICE USE ONLY
Log No. 119699
Permit No. 82619
Basin No. 176

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

NOTICE OF INTENT NO. 69690

1. OWNER/CLIENT NAME: Neil McQueary
MAILING ADDRESS: HC 60 Box 677
Ruby Valley, NV 89833

DETAILED ADDRESS AT WELL LOCATION: Ruby Marsh Area
Subdivision Name: County: Elko

2. PERMIT/WAIVER NO.: 82619 (Issued by Water Resources) Current Parcel No.
NW SW 26 29N 59
Latitude: Longitude:
UTM E: 644681E UTM N: 4469258 ☒ NAD 83/WGS 84 ☐ NAD 27

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 | Loss Circ. | Water Strata | From | To | Thickness |
|---|---|---|---|---|---|
| Brown clay | | | 0 | 20 | 20 |
| sandy clay | | x | 20 | 40 | 20 |
| Brown clay | | | 40 | 60 | 20 |
| dark brown clay | | | 60 | 70 | 10 |
| small gravel | | | 70 | 80 | 10 |
| blue clay | | | 80 | 150 | 70 |
| medium gravel/sand | | x | 150 | 157 | 7 |
| blue clay | | | 157 | 175 | 18 |
| sand/gravel | | x | 175 | 223 | 48 |

Nad 27
40.361419°N
115.295191°W

Date started: 10-Jan, 20 14
Date completed: 2-Feb, 20 14

9. WELL CONSTRUCTION
Depth Drilled: 223 Feet Depth Cased: 223 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 10 5/8 | Inches | 0 | Feet | 223 | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| | | SPR17 | 23 | 223 |
| 6 5/8 | | .188 | ↑Z | 23 |

PERFORATIONS
Type of perforation: mill slot
Size of perforation: 0.32
From 203 Feet To 223 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

| | | | | |
|---|---|---|---|---|
| ☒ Sanitary Seal | 0 | to 105 | | |
| ☒ Neat Cement | 0 | to 20 | ☐ Pumped | ☒ Poured |
| ☐ Cement Grout | | to | ☐ Pumped | ☐ Poured |
| ☐ Concrete Grout | | to | ☐ Pumped | ☐ Poured |
| ☒ Bentonite Chips | 20 | to 105 | ☐ Pumped | ☒ Poured |
| ☐ Bentonite Grout | | to | ☐ Pumped | ☐ Poured |
| ☐ 15 % ☐ 20 % ☐ Other, explain: | | | | |
| ☒ Gravel Pack [ > 0.2 in. ] | 105 | to 223 | ☐ Pumped | ☒ Poured |
| ☐ Sand Pack [ < 0.2 in. ] | | to | ☐ Pumped | ☐ Poured |
| ☐ Other, explain: | | to | ☐ Pumped | ☐ Poured |

7. WATER LEVEL
Static water level: 24 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: cool ° Fahrenheit
Water Quality:

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

| G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|
| 10 | 200 | 10 |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name: Alternative Drilling Co LLC (Contractor)
Address: P.O. Box 281166, Lamoille, NV 89828 (Contractor)
Nevada contractor's license number as issued by the State Contractors Board: 73955
Nevada well driller's license number as issued by the Nevada Division of Water Resources (if one exists): 2421
Signed: (Signature of Nevada licensed drilling crew or contractor)
Date: 2/25/2014

(Rev. 08-12)

USE ADDITIONAL SHEETS IF NECESSARY