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

OFFICE USE ONLY
Log No. 116345
Permit No. 70710
Basin 062

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. ~~66259~~ 66260 ✓

1. OWNER Halliburton Energy Services
MAILING ADDRESS 912 Battle Mountain NV 89820
ADDRESS AT WELL LOCATION Rossi Mine
Subdivision Name: Track on Land County: Elko

2. LOCATION SE ¼ SE ¼ Sec 15 T 37 N/S R 49 E
PERMIT/WAIVER No. 70710 Issued by Water Resources Parcel No.
Latitude
Longitude
UTM E 0548724 ☐ NAD 27
N 4547482 ☒ 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 |
|---|---|---|---|---|
| Fill | | 0 | 20 | 20 |
| Top Soil | | 20 | 23 | 3 |
| Bed Rock / Br. Chert | | 23 | 260 | 237 |
| Blk Chert | | 260 | 680 | 420 |
| Blk Chert w/ Grey | | 680 | 710 | 30 |
| Fracture Zone Blk Chert | 715 | 710 | 730 | 20 |
| Blk Chert | | 730 | 1000 | 270 |

Replaces original well log #90429
which was plugged by NOI #66259
log 116344

NOTE -
Pumped neat cement from 1000' to 780' thru drill steel
Pulled 60' conductor casing

Date started: 8/07, 20 12
Date completed: 9/22, 20 12

7. Water Level
Static water level: 470 feet below land surface
Artesian Flow: N/A G.P.M. P.S.I.
Water Temperature: C °F
Quality:

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 9 | 290 | 20 hrs |

plugged by log 126476

9. WELL CONSTRUCTION
Depth Drilled 1000' Feet Depth Cased 780' Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 14 Inches | 0 Feet | 60 Feet |
| 11 Inches | 60 Feet | 960 Feet |
| 10" 5/8 Inches | 960 Feet | 1000 Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 14 | 54 | 3/8 | 0 | 60 |
| 6 5/8 | 17 | 1/4 | +1 | 780 |

Perforations:
Type of perforation Millslot
Size of perforation .020
From 700 feet to 780 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 50 to 0 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 680 to 50 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 680 to 780 ☐ Pumped ☒ Poured
Type: #8 used 1in trimming pipe
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 O'Keefe Drilling (Contractor)
Address P.O. Box 3810 Butte, MT 59702 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 0077107
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2418
Signed [signature] By driller performing actual drilling on-site or contractor
Date 10-10-12

USE ADDITIONAL SHEETS IF NECESSARY

(Rev 05-06)
41.077227°N
116.419052°W NAD27
(NSPO 3-08)
(O) 627