

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

OFFICE USE ONLY
Log No. 119037
Permit No. _____
Basin 117

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. 32986

1. OWNER Richard & Marie Piggins ADDRESS AT WELL LOCATION _____
MAILING ADDRESS P.O. Box 338
Dyer, NV. 89010 Subdivision Name: _____ County: Esmeralda

2. LOCATION NE 1/4 SW 1/4 Sec 9 T 3 N 35 E Latitude N 37° 41.429 UTM E NAD 27
PERMIT/WAIVER No. N/D 007-351-30 Longitude W 118° 05.809 N NAD 83/WGS 84

Issued by Water Resources Parcel No. _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other _____

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock Air Other Mud

5. WELL TYPE
 Cable Rotary RVC
 Air Other Mud

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thick-ness |
|--|--------------|------------|------------|-------------|
| <u>Hard Cemented gravel with some clay</u> | | | | |
| <u>larger 1/4 to 3/4 inch,</u> | | | | |
| <u>thick,</u> | | | | |
| <u>color</u> | | | | |
| <u>Was tan to brown with black, white brown and red quartz mixed</u> | | | | |
| | | <u>180</u> | <u>350</u> | <u>170'</u> |

9. WELL CONSTRUCTION

| Depth Drilled | Feet | Depth Cased | Feet |
|---------------|------|-------------|------|
| | | | |

HOLE DIAMETER (BIT SIZE)

| Inches | From | To |
|-----------|-------------|-------------|
| <u>6"</u> | <u>180'</u> | <u>350'</u> |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-------------|
| <u>4 1/2</u> | <u>pvc</u> | <u>Sch 40</u> | <u>10'</u> | <u>350'</u> |
| | | <u>Certa Lock</u> | | |

Perforations:

Type of perforation Sawed 1/8 x 3"
Size of perforation FACTORY SCREEN .032

| From | feet to | feet |
|--------------|-------------|-------------|
| <u>2.10'</u> | <u>330'</u> | <u>feet</u> |
| <u>350'</u> | <u>350'</u> | <u>feet</u> |

Annular Seal: Yes No unknown

Neat Cement to _____ Pumped Poured
 Cement Grout to _____ Pumped Poured
 Concrete Grout to _____ Pumped Poured
 ≥30% Bentonite Grout to _____ Pumped Poured

Gravel Pack: Yes No _____ to _____ Pumped Poured
Type: _____
Bentonite Chips: Yes No _____ to _____ Pumped Poured
Type: _____

7. Water Level
Static water level: 1107' feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: Cold °F
Quality: clear

8. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|------------|-------------------------------|--------------|
| <u>100</u> | <u>10</u> | <u>425</u> |

From 300' to 40'

DCNR/DWR/SNBO RECEIVED
NOV 12 2013

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Teach Drilling Inc Contractor
Address P.O. Box 599 Contractor
Esmeralda, NV. 89429
Nevada contractor's license number 31841
issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1740

Signed Nathaniel L. Teach
By driller performing actual drilling on-site or contractor
Date Nov 7, 2013