

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



OFFICE USE ONLY **108451**

Log No. _____
Permit No. _____
Basin **789 D**

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. **64350**

1. OWNER **John & Sandra Trevathan**
MAILING ADDRESS **15101 Bringham Drive**
Burtonsville, MD 20866

ADDRESS AT WELL LOCATION **Old Motel Road**
Subdivision Name: _____ County: **Elko**

2. LOCATION **NW 1/4 Sec 5 T 38N N/S R 69 E**
PERMIT/WAIVER No. **ONE 4** **010-57C-003**
Issued by: Water Resources Parcel No. _____

Latitude **N41.12.359** UTM E NAD 27
Longitude **W114.11.285** N **NAD 83** 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 |
|-----------------------------------|--------------|------|-----|-----------|
| Sub Soil | | 0 | 4 | 4 |
| Sandstone | | 4 | 20 | 16 |
| Hard Sandstone | | 20 | 27 | 7 |
| Gravel/little Sandstone | | 27 | 69 | 42 |
| Sandstone with very little Gravel | | 69 | 88 | 19 |
| Light Brown Clay | | 88 | 127 | 39 |
| Sandstone mixed with little Clay | | 127 | 150 | 23 |
| Sandstone | | 150 | 160 | 10 |
| Gray Clay with little Gravel | | 160 | 172 | 12 |
| Gray Clay | | 172 | 180 | 8 |
| Gray Clay mixed with Gravel | | 180 | 190 | 10 |
| Sandstone | | 190 | 220 | 30 |
| Sandstone with some Clay | | 220 | 228 | 8 |
| Clay | | 228 | 293 | 65 |
| Fractured Sandstone | X | 293 | 340 | 47 |

Handwritten notes:
41.206059°N
114.187239°W
NAD 27 (circled)

9. WELL CONSTRUCTION

| | | | | | |
|---------------|------------|------|-------------|------------|------|
| Depth Drilled | 340 | Feet | Depth Cased | 340 | Feet |
|---------------|------------|------|-------------|------------|------|

HOLE DIAMETER (BIT SIZE)

| | From | To | | From | To |
|--|---------------|-----------|--------|------------|------------|
| | 10 5/8 | 0 | Inches | 60 | 60 |
| | 8 3/4 | 60 | Inches | 340 | 340 |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|------------|
| 6 | 12.92 | 188 | +1 | 19 |
| 6 | pus | SDR-17 | 19 | 340 |

Perforations

| Type of perforation | Screen |
|---|-------------|
| Size of perforation | .032 |
| From 280 feet to 300 feet | |
| From 320 feet to 340 feet | |

Angular Seal Yes No

Neat Cement to _____ Pumped Poured
 Cement Grout to _____ Pumped Poured
 Concrete Grout **0** to **18** Pumped Poured
 ≥30% Bentonite Grout to _____ Pumped Poured

Gravel Pack: Yes No **52** to **340** Pumped Poured
 Type: **3/8 Pea Gravel**

Bentonite Chips: Yes No **18** to **52** Pumped Poured
 Type: **3/4 Kirk Plug**

Date started: **8-Jul** , 20 **09**
Date completed: **14-Jul** , 20 **09**

7. Water Level
Static water level: **180** feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ °F
Quality: _____

8. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|--------|-----------|-------------------------------|--------------|
| Approx | 50 | | 4.5 |

Handwritten notes:
2009 AUG 10 AM 11:32

10. DRILLER'S CERTIFICATION

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

Name **Sharel C. Fertig Sr., dba Fertig Drilling Co**
Contractor

Address **P.O. Box 525**
Contractor

Elko, NV 89803

Nevada contractor's license number issued by the State Contractor's Board: **031904**

Nevada driller's license number issued by the Division of Water Resources, the State Driller: **1584**

Signature: *Sharel Fertig*
By driller performing actual drilling on site or contractor

Date: **8-7-09**