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

OFFICE USE ONLY
Log No. 114532
Permit No.
Basin No. 108

**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. 70837
WELL NAME *(If applicable)*:

1. OWNER/CLIENT NAME Pursel Ranch
MAILING ADDRESS PO 126 Yerington NV 89447

DETAILED ADDRESS AT WELL LOCATION 15 Borsini
*Subdivision Name:* *County:* Lyon

2. PLS LOCATION NE ¼ SE ¼ 15 Sec 12 N/S 25 E
PERMIT/WAIVER NO. 012-251-06
*Issued by Water Resources* *Current Parcel No.*

Latitude 38.90107 UTM E ☐ NAD 27
Longitude 119.16463 UTM N ☒ NAD 83/WGS 84

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 | Lost Circ. | Water Strata | From | To | Thickness |
|---|---|---|---|---|---|
| Sand | | | 0 | 12 | 12 |
| Brown Clay | | | 12 | 15 | 3 |
| Sand & small gravel | | | 15 | 26 | 11 |
| Large gravel | | | 26 | 43 | 17 |
| Brown clay | | | 43 | 49 | 6 |
| Large & med gravel | | | 49 | 160 | 111 |

Replace unknown well log

NAD27
38.901154°N
119.163643°W

Date started: 8-Oct, 20 13
Date completed: 9-Oct, 20 13

9. WELL CONSTRUCTION
Depth Drilled: 160 Feet Depth Cased: 160 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 11 | Inches | 0 | Feet | 160 | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6 5/8" | 12 | .188 | +1 | 20 |
| 6 | SDR 21 | | 20 | 160 |

PERFORATIONS:
Type of perforation: Factory
Size of perforation: 0.9
From 120 Feet To 160 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

| | | | | |
|---|---|---|---|---|
| ☒ Sanitary Seal | 0 | to 100 | | |
| ☐ Neat Cement | | to | ☐ Pumped | ☐ Poured |
| ☐ Cement Grout | 0 | to 100 | ☒ Pumped | ☐ Poured |
| ☐ Concrete Grout | | to | ☐ Pumped | ☐ Poured |
| ☐ Bentonite Chips | | to | ☐ Pumped | ☐ Poured |
| ☐ Bentonite Grout | | to | ☐ Pumped | ☐ Poured |
| ☐ 15 % ☐ 20 % ☐ Other, explain: | | | | |
| ☐ Gravel Pack [ > 0.2 in. ] | 100 | to 160 | ☐ Pumped | ☒ Poured |
| ☐ Sand Pack [ < 0.2 in. ] | | to | ☐ Pumped | ☐ Poured |
| ☐ Other, explain: | | to | ☐ Pumped | ☐ Poured |

7. WATER QUALITIES
*Static water level:* 35 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: cold ° Fahrenheit
Water Quality: clear

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

| G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|
| 25+ | | 4.5 |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Blain Drilling
Contractor
Address Po 1255 CC NV 89702
Contractor

Nevada contractor's license number as issued by the *State Contractor's Board:* 46498A
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2134

Signed:
*By driller performing actual drilling on site or contractor*
Date: 10/11/2013

(Rev. 08-12)

**USE ADDITIONAL SHEETS IF NECESSARY**