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

OFFICE USE ONLY
Log No. 110194
Permit No.
Basin 189 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. 62847

1. OWNER PAUL HILL
MAILING ADDRESS 525 BEAR CREEK ROAD
KELOWNA, B.C., CANADA V1Z 3T6

ADDRESS AT WELL LOCATION NO STREET NAME
Subdivision Name: GAMBLE DISTRICT County: ELKO

2. LOCATION NW ¼ SE ¼ Sec 27 T 40N N/S R 68 E
PERMIT/WAIVER No. 010-37D-051
*Issued by Water Resources* Parcel No.

Latitude 41.321108°N
Longitude 114.267117°W
NAD 27

UTM E 11T 0728738 ☒ NAD 27
N 4577795 ☐ 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 |
|---|---|---|---|---|
| TOPSOIL | | 0 | 1 | 1 |
| COURSE GRAVEL | | 1 | 55 | 54 |
| BLACK/TAN CHERT HARD | | 55 | 130 | 75 |
| BLACK CHERT | | 130 | 175 | 45 |
| BLACK/TAN CHERT FRACTURE | | 175 | 215 | 40 |
| GREY/TAN SILTSTONE | | 215 | 290 | 75 |
| BROWN SILTSTONE HARD | | 290 | 400 | 110 |
| BROWN CLAY | | 400 | 425 | 25 |
| BLACK SHALE - FRACTURED | | 425 | 570 | 145 |
| BLACK SHALE - OXIDIZED | | 570 | 730 | 160 |
| BROWN SHALE SOFT | X | 730 | 800 | 70 |

Date started: 28-Oct, 20 08
Date completed: 4-Nov, 20 08

9. *WELL CONSTRUCTION*
Depth Drilled 800 Feet Depth Cased 800 Feet

*HOLE DIAMETER (BIT SIZE)*

| | | From | | To | |
|---|---|---|---|---|---|
| 10 5/8 | Inches | 0 | Feet | 800 | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

*CASING SCHEDULE*

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6.625 | 13 | .188 | +2 | 800 |
| | | | | |
| | | | | |

*Perforations:*
Type of perforation MACHINE MILL SLOT
Size of perforation 3/16" X 3", 6 ROWS
From 760 feet to 800 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

*Annular Seal:* ☒ Yes ☐ No
☒ Neat Cement 4 to 20 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 100 to 800 ☐ Pumped ☒ Poured
Type: 3/8" PEA GRAVEL
Bentonite Chips: ☒ Yes ☐ No 20 to 100 ☐ Pumped ☒ Poured
Type: 3/8" BENTONITE CHIPS

7. *Water Level*
*Static water level:* 662 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COLD °F
Quality: GOOD

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 18 | | 3 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name HACKWORTH DRILLING INC.
Contractor
Address P. O. BOX 850
Contractor
ELKO, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 020582
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1653
Signed Jerry Bower
By driller performing actual drilling on site or contractor
Date 11/11/2008

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY