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

OFFICE USE ONLY
Log No. 123698
Permit No.
Basin No. 049

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*Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340*

NOTICE OF INTENT NO. 73757
WELL NAME *(If applicable)*:

1. OWNER/CLIENT NAME ARNOLD BECK CONSTRUCTION INC
MAILING ADDRESS 247 GREENCREST DR
SPRING CREEK, NV 89815

DETAILED ADDRESS AT WELL LOCATION 2616 HAMILTON CREEK TRL
*Subdivision Name:* SPECIAL LANDS *County:* ELKO

2. PLS LOCATION NE ¼ NW ¼ 33 Sec 34N N/S 55 E
PERMIT/WAIVER NO. *Issued by Water Resources* 006-09Q-047 *Current Parcel No.*

Latitude UTM E 602473 [X] NAD 27
Longitude UTM N 4516423 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Deepen: Orig WL#
[ ] Replacement: Original well log #
[ ] Recondition: Original well log #

4. PROPOSED USE
[X] Domestic [ ] Irrigation [ ] Monitor
[ ] Mining / Dewater [ ] Com / Ind [ ] Stock
[ ] Test / Other [ ] Mun / QM [ ] Rec

5. WELL TYPE
[ ] Auger [X] Rotary [ ] RVC
[X] Air [ ] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

| Material Encountered | Lost Circ. | Water Strata | From | To |
|---|---|---|---|---|
| ALLUVIUM | | | 0 | 40 |
| LIGHT GREEN CLAY | | | 40 | 120 |
| GREY CLAY | | | 120 | 210 |
| LIGHT GREEN CLAY | | X | 210 | 240 |
| GREY CLAY | | X | 240 | 400 |
| GREY CLAY w/ some SHALE & | | | 400 | |
| RED ROCK | | XX | | 480 |

NAD 27
40.794318
115.785370

Date started: 11-Sep , 20 15
Date completed: 16-Sep , 20 15

9. CONSTRUCTION
Depth Drilled: 480 Feet Depth Cased: 480 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 10 5/8 | Inches | 0 | Feet | 480 | 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 | +1.5 | 480 |
| | | | | |
| | | | | |

ANNULAR MATERIALS
Sanitary Seal [X] Yes [ ] No

| | | | | | |
|---|---|---|---|---|---|
| [X] Neat Cement | 4 | to 25 | [ ] Pumped | [X] Poured |
| [ ] Cement Grout | | to | [ ] Pumped | [ ] Poured |
| [ ] Concrete Grout | | to | [ ] Pumped | [ ] Poured |
| [X] Bentonite Chips | 25 | to 55 | [ ] Pumped | [X] Poured |
| [X] Gravel Pack [ > 0.2 in. ] | 55 | to 480 | [ ] Pumped | [X] Poured |
| [ ] Sand Pack [ < 0.2 in. ] | | to | [ ] Pumped | [ ] Poured |
| [ ] Other, explain: | | to | [ ] Pumped | [ ] Poured |

PERFORATIONS:
Type of perforation: PLASMA CUT
Size of perforation: 3/16" X 4" 7 ROWS

| From | Feet | To | Feet |
|---|---|---|---|
| 440 | Feet | 480 | Feet |
| | Feet | | Feet |
| | Feet | | Feet |
| | Feet | | Feet |
| | Feet | | Feet |

7. WATER QUALITIES
*Static water level:* 189 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 98 ° Fahrenheit
Water Quality: POOR

8. WELL TEST DATA
*Test Method:* [ ] Bailer [ ] Pump [X] Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|---|
| AT 480' | 12 | | 1 HOUR |
| AT 460' | 11 | | 1 HOUR |
| AT 440' | 10 | | 1 HOUR |
| AT 420' | 5 | | 1/2 HOUR |
| AT 400' | 3 | | 1/2 HOUR |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name HACKWORTH DRILLING INC. *Contractor*
Address P.O. BOX 850, ELKO, NV 89803 *Contractor*
Nevada contractor's license number as issued by the *State Contractor's Board:* 029582
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2329
Signed: *Driller performing actual drilling on site or contractor*
Date: 9/17/2015

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(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. of pg.