AS Irrigation well

WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 109575
Permit No.
Basin 03DA

NOTICE OF INTENT NO. 43284

1. OWNER JAMES BUELL
MAILING ADDRESS 129 KING RIVER ROAD
ORONADA, NEVADA 89425

ADDRESS AT WELL LOCATION
129 KINGS RIVER ROAD
ORONADA, NEVADA 89425

2. LOCATION NW ¼ NE ¼ Sec. 26 T 46 (N)S R 33 E HUMBOLDT County

PERMIT NO. 16590 (Issued by Water Resources) | Parcel No. | Subdivision Name

3. WORK PERFORMED
☐ New Well ☒ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ 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 |
|---|---|---|---|---|
| TOP SOIL | | 0 | 5 | 5 |
| CLAY AND SILT | | 5 | 55 | 50 |
| SANDY BROWN CLAY | | 55 | 75 | 20 |
| SOFT BROWN CLAY | | 75 | 85 | 10 |
| FINE GRAVEL / SAND | DRY | 85 | 95 | 10 |
| SANDY BROWN CLAY | | 95 | 135 | 40 |
| BROWN CLAY | | 135 | 170 | 35 |
| GRAVEL AND SAND | 170 | 170 | 190 | 20 |
| BROWN CLAY | | 190 | 200 | 10 |
| FINE GRAVEL / SAND | 200 | 200 | 275 | 75 |
| CLAY / SAND | | 275 | 285 | 10 |
| SANDY CLAY | | 295 | 320 | 25 |
| FINE GRAVEL / COURSE SAND | 320 | 320 | 340 | 20 |
| COURSE GRAVEL / SAND | 340 | 340 | 365 | 25 |
| SANDY CLAY | | 365 | 380 | 25 |
| COURSE SAND / FINE GRAVEL | 380 | 380 | 470 | 90 |
| CLAY | | 470 | 480 | 10 |
| BIG GRAVEL | 480 | 480 | 490 | 10 |
| COURSE SAND / FINE GRAVEL | | 490 | 540 | 50 |
| CLAY | | 540 | 545 | 5 |
| GRAVEL / SAND | 545 | 545 | 605 | 70 |
| HARD BROWN CLAY | | 615 | 630 | 15 |
| 41.846753° N | | | | |
| 118.230960° W | | | | |
| NAD 27 (TR) | | | | |

Date started 10/6/08, 19
Date completed 1/30/09, 19

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 1500 | 230 | 12 HR. |

8. WELL CONSTRUCTION
Depth Drilled 630 Feet Depth Cased 620 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | To |
|---|---|---|---|
| 16 Inches | | 0 Feet | 470 Feet |
| 14 Inches | | 440 Feet | 620 Feet |
| Inches | | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 16 | | .250 | 0 | 470 |
| 14 | | .250 | 440 | 620 |

Perforations:
Type perforation SAW SLOT
Size perforation ¼ x 3"
From 170 feet to 620 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 50'
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☒ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 0 feet to 200 feet

9. WATER LEVEL
Static water level 150 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature 55 °F Quality GOOD

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name JAMES BUELL (Contractor)
Address 129 KINGS RIVER ROAD (Contractor)
ORONADA, NEVADA 89425

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

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1712

Signed Michael McTrinch (By driller performing actual drilling on site or contractor)
Date 4/15/09

STATE ENGINEER'S OFFICE
2009 APR 17 AM 11:56
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(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627