STATE OF NEVADA
DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113317
Permit No.
Basin

**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. 64666

1. OWNER NYE COUNTY
MAILING ADDRESS PO BOX 911 TONOPAH, NV 89049

ADDRESS AT WELL LOCATION WELL ID # FELDERHOFF 25-1PA
NC-GWE
Subdivision Name: County: Nye

2. LOCATION NW ¼ SE ¼ Sec 25 T 15S N/S R 49 E
PERMIT/WAIVER No. MO-2852 (Issued by Water Resources) 019-021-02 Parcel No.

Latitude 36* .61773163
Longitude 116* .40938334
UTM E
N
☐ NAD 27
☒ 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 |
|---|---|---|---|---|
| POORLY GRADED SAND | NO | 0' | 15' | 15' |
| SILTY SAND | NO | 15' | 20' | 5' |
| WELL GRADED GRAVEL | NO | 20' | 65' | 45' |
| WELL GRADED SAND | NO | 65' | 70' | 5' |
| WELL GRADED GRAVEL | NO | 70' | 150' | 80' |
| WELL GRADED SAND | NO | 150' | 190' | 40' |
| CLAYEY GRAVEL | NO | 190' | 230' | 40' |
| CLAYEY SAND | NO | 230' | 240' | 10' |
| WELL GRADED GRAVEL | NO | 240' | 268' | 28' |
| WELL GRADED GRAVEL | YES | 268' | 280' | 12' |
| WELL GRADED SAND | YES | 280' | 290' | 10' |
| WELL GRADED GRAVEL | YES | 290' | 340' | 50' |
| COARSE GRAVEL & | YES | 340' | 367' | 27' |
| BOULDERS | | | | |
| PUMPED GROUT FROM | | | | |
| TD TO 325' | | | | |
| THE BENTONITE GROUT | | | | |
| WAS A 20% MIX. | | | | |

Date started: 29-May, 20 10
Date completed: 31-May, 20 10

9. WELL CONSTRUCTION
Depth Drilled 367' Feet Depth Cased 321' Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 17" | Inches | 0' | Feet | 20' | Feet |
| 8" | Inches | 20' | Feet | 367' | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 10 3/4" | | .250" | +2' | 20' |
| 4" | | SCH. 80 | +2' | 321' |
| | | | | |

Perforations:
Type of perforation MILL SLOT
Size of perforation 0.020"
From 275' feet to 315' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0' to 20' ☒ Pumped ☐ Poured
☒ Cement Grout 0' to 270' ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 270' to 367' ☐ Pumped ☐ Poured
Type: CARMEUSE 8 X 12
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 268' feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COOL °F
Quality:

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 15 | | 2 HOURS |

DCNR/DWR
RECEIVED
JUL 06 2010

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Hydro Resources-West, Inc. (Contractor)
Address 4975 W. Winnemucca Blvd. (Contractor)
Winnemucca, Nevada 89445
Nevada contractor's license number issued by the *State Contractor's Board* 56797
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* # 1713
Signed (By driller performing actual drilling on site or contractor)
Date 6/30/2010

(Rev. 05-06)

**USE ADDITIONAL SHEETS IF NECESSARY**

LAS VEGAS OFFICE