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

OFFICE USE ONLY
Log No. 112994
Permit No. 78904
Basin 212

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. 64000

1. OWNER USFWS
MAILING ADDRESS 911 NE 11th Ave
Portland, OR 97232-4181

ADDRESS AT WELL LOCATION Corn Creek Field Station
27801 ALAMO Rd.
Subdivision Name: County: Clark

2. LOCATION NE ¼ NW ¼ Sec 34 T 17 N OR 59 E
PERMIT/WAIVER No. 78904 (Issued by Water Resources) 008-34-000-001 (Parcel No.)
Latitude N 36.43960
Longitude W 115.36024
UTM E ☐ NAD 27
N ☐ 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 |
|---|---|---|---|---|
| Silt | | 0 | 40 | 40 |
| Silty Gravel | | 40 | 95 | 55 |
| Gravel clays | | 95 | 145 | 50 |
| STIFF Gravel clays | | 145 | 165 | 20 |
| Course Gravel clays | | 165 | 195 | 30 |
| Clay cobbles Boulders | | 195 | 210 | 15 |
| Limestone & Quartz | | 210 | 230 | 20 |
| Silty clay | | 230 | 245 | 15 |
| clay, Gravel, Quartz | | 245 | 270 | 25 |
| Sand clay | | 270 | 290 | 20 |
| cemented sand clay | | 290 | 305 | 15 |
| Clay Gravel | | 305 | 318 | 13 |
| Gravel sand | | 318 | 328 | 10 |
| sandy silt | | 328 | 345 | 17 |
| Flowing into well | | | | |

Date started: November 3, 20 10
Date completed: December 15, 20 10

7. Water Level
Static water level: Ground level feet below land surface
Artesian Flow: 15 G.P.M. P.S.I.
Water Temperature: Cool °F
Quality:

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

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

DCNR/DWR RECEIVED
JAN 20 2011
LAS VEGAS OFFICE

9. WELL CONSTRUCTION
Depth Drilled 345 Feet Depth Cased 316 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 19 | Inches | 0 | Feet | 100 | Feet |
| 12 | Inches | 100 | Feet | 345 | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 12 | 24.70 | .188 | 0 | 95 |
| 8 | | .188 | -2 | 316 |
| 1 | 1.679 | .133 | 0 | 275 |

Stainless Steel
Perforations:
Type of perforation Louvered / wire wrap
Size of perforation .080 / .030
From 136 (louvered) feet to 276 feet
From 276 (wire wrap) feet to 316 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☑ Yes ☐ No
☑ Neat Cement 6 to 95 ☑ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☑ Yes ☐ No 87 to 316 ☐ Pumped ☑ Poured
Type: 270-316 is 10x20 87-270 is 8x12 Colorado Silica
Bentonite Chips: ☑ Yes ☐ No 87 to Ø ☐ Pumped ☑ Poured
Type: 3/8 Baroid chips

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Drill Tech, Inc (Contractor)
Address 3320 N. Hwy 89 (Contractor)
Chino Valley, Az 86323
Nevada contractor's license number issued by the State Contractor's Board 0070279
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2380
Signed (By driller performing actual drilling on-site or contractor)
Date 1-10-11

(Rev 05-06)
USE ADDITIONAL SHEETS IF NECESSARY

36.439635°N
115.359395°N
NAD27 D.D.
-GPS-

(NSPO 3-08) (O) 627