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

OFFICE USE ONLY
Log No. 115770
Permit No. 67150
Basin 209

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. 63321

1. OWNER Pahranagant NWR
MAILING ADDRESS P.O Box 501 Alamo NV 89001
ADDRESS AT WELL LOCATION Mile post #32 US 93 5 mile South of Alamo
Subdivision Name: N/A County: Lincon

2. LOCATION SE ¼ NE ¼ Sec 10 T 8 N R 61 E
PERMIT/WAIVER No. 67150 Issued by Water Resources
Parcel No.
Latitude -115.121811 UTM E ☑ NAD 27
Longitude 37.268263 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 |
|---|---|---|---|---|
| Sand & Gravel Boulders | | 0 | 120 | 120 |
| Decomposed Red Volcanics | | 120 | 220 | 100 |
| Volcanic Clay | | 220 | 240 | 20 |
| Decomposed Red Volcanics | | 240 | 260 | 20 |
| Hard Red Volcanic | | 260 | 420 | 160 |
| limestone & volcanic clay | | 420 | 460 | 40 |

DCNR/DWR RECEIVED
OCT 29 2012
LAS VEGAS OFFICE

Date started: 6/10, 20 12
Date completed: 6/24, 20 12

9. WELL CONSTRUCTION
Depth Drilled 460 Feet Depth Cased 450 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 24" | Inches | 0 | Feet | 100 | Feet |
| 16" | Inches | 100 | Feet | 450 | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| ~~[illegible]~~ | | | | |
| 18" | | .375 | 0 | 100 |
| 10" | | SDR 17 (PVC) | 0 | 450 |

Perforations:
Type of perforation Machine cut
Size of perforation .050
From 360 feet to 450 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 100 ☑ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☑ Yes ☐ No 250 to 450 ☐ Pumped ☑ Poured
Type: Colorado Silica sand 8x12
Bentonite Chips: ☑ Yes ☐ No 10 to 250 ☑ Pumped ☐ Poured
Type: Barold 3/8 Chips

7. Water Level
Static water level: 12" feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 47 °F
Quality:

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

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|---|
| ~~[illegible]~~ | | | |
| Air lift | 250+ | ? | 12 Hours |

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name DrillTech 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 [signature] Signature of contractor
Date 6/29/12

USE ADDITIONAL SHEETS IF NECESSARY

Rev 05-00

NSPO 3-081

(O) 627