

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

OFFICE USE ONLY
Log No. 112697
Permit No. _____
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. 62402

1. OWNER Bureau of Land Management - (BLM) ADDRESS AT WELL LOCATION NA
MAILING ADDRESS 4701 N. Torrey Pines
Las Vegas, NV 89130 Subdivision Name: NA County: Clark

2. LOCATION SE ¼ NW ¼ Sec 2 T 18S N/S R 58 E Latitude N36 24' 54.8" UTM E NA NAD 27
PERMIT/WAIVER No. R-1477 098-02-000-001 Longitude W115 27' 00.5" N NA NAD 83/WGS 84

Issued by Water Resources Parcel No. _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test Stock
 Municipal/Industrial Monitor

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Gravel, Cobbles, sandy clays		0.00	65.00	65
Frac. Limestone/Carbonate rock		65.00	905.00	840
TD: 905 ft.				
Notes on grout/seal locations				
Bentonite Grout		76.00	158.00	82
Bentonite Chips		158.00	160.00	2
Bentonite Chips		211.00	219.00	8
Bentonite Grout		450.00	780.00	330
Notes on Gravel Pack locations				
Upper Zone		160.00	211.00	51
Middle Zone		219.00	450.00	231
Lower Zone		780.00	905.00	125

9. WELL CONSTRUCTION

Depth Drilled 905.00 Feet Depth Cased 890.00 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet	Feet
<u>12</u>	<u>0.00</u>	<u>905.00</u>		

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>12.625</u>		<u>SCH 40 (Steel)</u>	<u>+1.00</u>	<u>5.00</u>
<u>6.625</u>		<u>SCH 40 (Steel)</u>	<u>+0.50</u>	<u>905.00</u>
<u>2.25</u>		<u>SCH 80 (PVC)</u>	<u>+0.50</u>	<u>210.00</u>

Perforations:

Type of perforation Slotted

Size of perforation 0.020 for PVC, 0.030 for steel

From (PVC) 190.00 feet to 210.00 feet

From (Upper section/steel) 336.00 feet to 417.00 feet

From (Lower section/steel) 808.00 feet to 889.00 feet

Annular Seal: Yes No

Neat Cement 0 to 76 Pumped Poured

Cement Grout to Pumped Poured

Concrete Grout to Pumped Poured

≥30% Bentonite Grout 450 to 780 Pumped Poured

Gravel Pack: Yes No 780 to 905 Pumped Poured

Type: Lupis Luster - #3 8-20 seive

Bentonite Chips: Yes No 211 to 219 Pumped Poured

Type: Time release pellets

7. Water Level

Static water level: 598 feet below land surface

Artesian Flow: NA G.P.M. NA P.S.I.

Water Temperature: ? °F

Quality: ?

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
Air Lift	<u>150</u>	<u>From lower perms.</u>	<u>6</u>
6' mid perms.	<u>DRY</u>		
PVC upper perms	<u>DRY</u>		

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Jon Darnell - Hydrologic Technician, USGS
Contractor

Address 160 N. Stephanie St. Henderson, NV 89074
Contractor

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

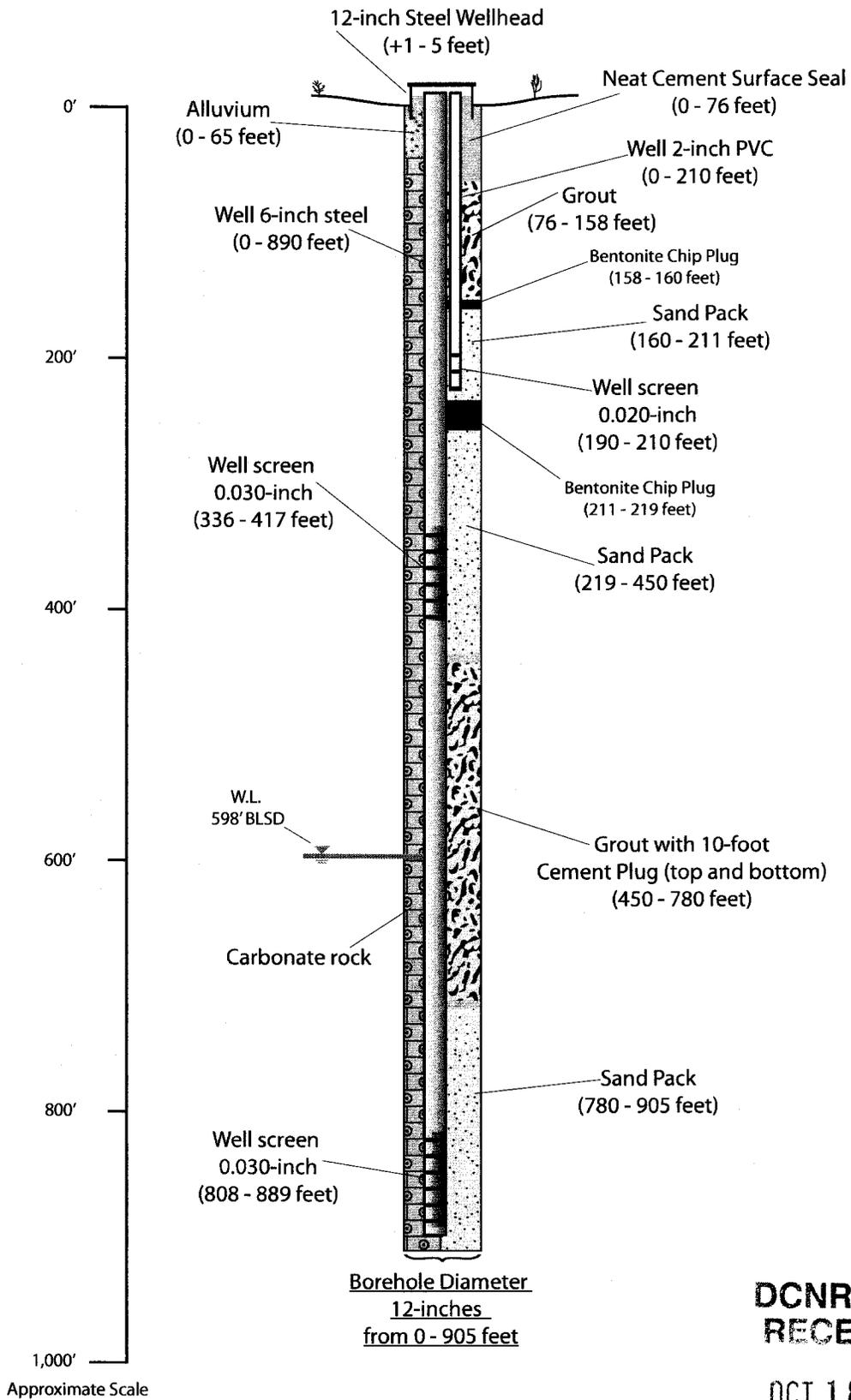
Nevada driller's license number issued by the
Division of Water Resources, the on-site driller FP-2359

Signed Jon Darnell
By driller performing actual drilling on site or contractor

Date 10/15/2010

LAS VEGAS OFFICE

LSC-01 Well Design



**DCNR/DWR
RECEIVED**

OCT 18 2010

LAS VEGAS OFFICE