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

OFFICE USE ONLY
Log No. 109838
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. 62400

1. OWNER Bureau of Land Management - (BLM)
MAILING ADDRESS 4701 N. Torrey Pines
Las Vegas, NV 89130

ADDRESS AT WELL LOCATION NA
Subdivision Name: NA County: Clark

2. LOCATION NW ¼ SW ¼ Sec 19 T 14S N/S R 65 E
PERMIT/WAIVER No. NA 3019000001
Issued by Water Resources Parcel No.

Latitude N36 42 3.8 UTM E NA ☐ NAD 27
Longitude W114 45 45.09 N NA ☒ 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
Gravel, Cobbles, sandy clays		0.00	6.00	6
Reddish clean clay		6.00	120.00	114
Weathered fractured Limestone	+/-400	120.00	595.00	475
Frac. Limestone, Birdspring?		595.00	1928	1333
TD: 1928 ft.				

DCNR/DWR
RECEIVED
JAN 20 2010
LAS VEGAS OFFICE

Date started: 20-Jan , 20 09
Date completed: 24-Dec , 20 09

7. Water Level
Static water level: 418 feet below land surface
Artesian Flow: NA G.P.M. NA P.S.I.
Water Temperature: ? °F
Quality: ?

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Air Lift	5	?	24
Pump	3	?	24

9. WELL CONSTRUCTION
Depth Drilled 1928.00 Feet Depth Cased 1926.00 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
22	Inches	0.00	Feet	98.00	Feet
12.75	Inches	98.00	Feet	602.00	Feet
8	Inches	602.00	Feet	1928.00	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
15.375		SCH 80 (PVC)	+0.50	98.00
8.625		SCH 40 (Steel)	+1.00	602.00
4.500		SCH 80 (PVC)	+1.50	1926.00

Perforations:
Type of perforation Slotted
Size of perforation 0.020
From 1786.00 feet to 1926.00 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 100 to 1738 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 1748 to 1928 ☒ Pumped ☐ Poured
Type: Lupis Luster - #3 8-20 seive
Bentonite Chips: ☒ Yes ☐ No 1738 to 1748 ☒ Pumped ☐ Poured
Type: Time release pellets

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 01/20/2010

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY