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

OFFICE USE ONLY
Log No. 113028
Permit No.
Basin 128

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. 66563

1. OWNER U.S. Geological Survey
MAILING ADDRESS 2730 N Deer Run Road
Carson City, Nv., 89701

ADDRESS AT WELL LOCATION Dixie Valley Hwy near Horse Creek Road
Subdivision Name: County: Churchill

2. LOCATION NE ¼ SE ¼ Sec 4 T 19N N/S R 34 E
PERMIT/WAIVER No. MO-1641 (Issued by Water Resources) Parcel No.

Latitude 39.5400 Longitude 118.1528
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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
large gravel to 1 1/2"		0	90	90
Medium gravels grading to	x	90	392	302
medium sands with small				
sections of approx 5% clay				
Very clean gravels and sands	x	392	500	108
with almost no clay				

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Date started: 12-Jan , 20 11
Date completed: 23-Jan , 20 11

7. Water Level
Static water level: 295.15 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 95 °F
Quality: unknown

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
150-200	unknown	6

9. WELL CONSTRUCTION
Depth Drilled 500 Feet Depth Cased 500 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13	Inches	0	Feet	500	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625	16.96	0.188	0	500

Perforations:
Type of perforation Machine slot
Size of perforation .03"
From 400 feet to 500 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 1	☐ Pumped	☒ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☒ ≥80% Bentonite Grout	1 to 299	☒ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 300 to 500 ☐ Pumped ☒ Poured
Type: large aquarium gravel
Bentonite Chips: ☒ Yes ☐ No 299 to 300 ☐ Pumped ☒ Poured
Type: Cetco 1/4" coated tablets

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name James L. Wood (Contractor)
Address 2730 N Deer Run Road (Contractor)
Carson City, NV, 89701
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-2178
Signed (By driller performing actual drilling on site or contractor)
Date 1/25/2011

(Rev. 06 08)

USE ADDITIONAL SHEETS IF NECESSARY

39.540081°N
118.151835°W
NAD 27 (TA)