STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 11 8 2 12
Permit No.
Basin 156

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. **70625**

1. OWNER **US Department of Energy** **MV-6**
MAILING ADDRESS **2597 Legacy Way**
Grand Junction, CO. 81503

ADDRESS AT WELL LOCATION **Central Nevada Test Area, Hot Creek Valley Basin**
Subdivision Name: *County:* **Nye**

2. LOCATION **SE¼SE¼** Sec**15**T**09**N/ R**51**E
PERMIT/WAIVER NO. **M/O-1897**
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E **568665** ☒ NAD 27
N **4276408** ☐ NAD 83/WGS 84

3. WORK 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 **Rev Flooded**

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
Alluvium / Gravel / Sand		**0**	**1020**	**1020**

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NAD27
38.6354420° N
116.2110840° W

Date started: **September 11**, 20 **13**
Date completed: **September 19**, 20 **13**

7. *Water Level*
Static water level: **325** feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: **68** °F
Quality: **Good**

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1000	**15**	**N/A**	**24**

9. *WELL CONSTRUCTION*
Depth Drilled **1020** Feet Depth Cased **1000** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
19 Inches	**0** Feet	**120** Feet
12.75 Inches	**120** Feet	**1120** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14	**13.98**	**.375**	**0**	**120**
5.5	**4.83**	**.25**	**+2**	**1000**

Perforations:
Type of perforation **Slotted**
Size of perforation **.125**
From **840** feet to **1000** 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 790 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 838 to 1000 ☒ Pumped ☐ Poured
Type: **6-9 Sand**
Bentonite Chips: ☒ Yes ☐ No 790 to 810 ☒ Pumped ☐ Poured
Type: **3/8 Holeplug**

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name **Boart Longyear** (CONTRACTOR)
Address **2745 California Ave.** (CONTRACTOR)
SLC., UT. 84104
Nevada contractor's license number issued by the *State Contractor's Board* **0021976**
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* **2085**
Signed
By driller performing actual drilling on site or contractor
Date **September 27,2013**