

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

OFFICE USE ONLY
 Log No. 120905
 Permit No. _____
 Basin 124

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. 71450

1. OWNER U.S. Dept of Energy / Stoller **MV-4** ADDRESS AT WELL LOCATION Shoal Nevada Test Site
 MAILING ADDRESS 2597 Legacy Way
Grand Junction, CO. 81503 Subdivision Name: _____ County: Churchill

2. LOCATION NW¼NW¼ Sec04T15N/ R32E Latitude _____ UTM E 380306 NAD 27
 PERMIT/WAIVER NO. M/O-1933A Longitude _____ N 4339325 NAD 83/WGS 84
Issued by Water Resources Parcel No. _____

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 _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Granite		0	1570	1570
Cement		0	1090	1090
3/8" Coated Kwik Plug		1090	1095	5
#6 Sand		1095	1105	10
1/4" X 1/8" Gravel		1105	1275	170
3/8" Coated Kwik Plug		1275	1329	54
Cement		1329	1374	45
3/8" Coated Kwik Plug		1374	1380	6
#6 Sand		1380	1385	5
1/4" X 1/8" Gravel		1385	1570	185

Handwritten notes:
 Had 25
 39,196,820
 115,386,065

9. WELL CONSTRUCTION

Depth Drilled 1570 Feet Depth Cased 1558 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>19</u> Inches	<u>0</u> Feet <u>60</u> Feet
<u>12.25</u> Inches	<u>59</u> Feet <u>1570</u> Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>14</u>	<u>72.09</u>	<u>.500</u>	<u>0</u>	<u>60</u>
<u>2.375</u>	<u>15.36</u>	<u>.275</u>	<u>+2</u>	<u>1238</u>
<u>5.5</u>	<u>14.62</u>	<u>.258</u>	<u>+2</u>	<u>1558</u>

Perforations:

Type of perforation Mill Slot
 Size of perforation 5.5"-080 2.375"-080

From	To
<u>1398</u> <u>5.5"</u> feet to	<u>1558</u> feet
<u>1118</u> <u>2.375"</u> feet to	<u>1238</u> feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	<u>0</u> to <u>1089</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>1385</u> to <u>1570</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type: <u>1/4" X 1/8"</u>	<u>1105</u> to <u>1275</u>		
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>1275</u> to <u>1329</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type: <u>3/8" Kwik Plug</u>	<u>1089</u> to <u>1095</u>		

7. Water Level

Static water level: 5.5"-1086, 2.375"-1055 feet below land surface
 Artesian Flow: N/A G.P.M. _____ P.S.I. _____
 Water Temperature: N/A °F
 Quality: N/A

8. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
	Draw Down (Feet Below Static)	Time (Hours)	
G.P.M.	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

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 2130

Signed _____
 By driller performing actual drilling on site or contractor
 Date September 22, 2014