STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 108760
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. 63067

1. OWNER U.S. Dept. of Energy UC-1-P-1S
MAILING ADDRESS 2597 B 3/4 Road
Grand Junction, CO 81503

ADDRESS AT WELL LOCATION Central Nevada Test Area, near Morley Peak
Subdivision Name: NA County: Nye

2. LOCATION NE¼NE¼ Sec22T9N/ R51E
PERMIT/WAIVER NO. M/O-1515 (Issued by Water Resources) NA (Parcel. No.)

Latitude 38.631741 N
Longitude 116.212147 W
(40 27 CA)
UTM E 568576 ☒ NAD 27
N 4275999 ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
EXISTING BOREHOLE, NO DATA				
Well Construction:				
Neat Cement		0'	445'	445'
3/8 Hole Plug		445'	458'	13'
#6 Sand SRI		458'	488'	30'
1/4 x 1/8 Gravel SRI		488'	575'	87'
Neat Cement		580'	630'	50'
Separated 4.5" Casing-Existing		630'	922'	292'
Lost Drill String-Existing		922'	2565'	1643'
Backfilled Borehole-Existing		2565'	2734'	169'

Date started: 26-May, 20 09
Date completed: 04-Jun, 20 09

9. WELL CONSTRUCTION
Depth Drilled 2734 Feet Depth Cased 574 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
30.00 Inches	0 Feet	30 Feet
15.00 Inches	30 Feet	525 Feet
9.875 Inches	525 Feet	2734 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20.00	?	?	0	30
10.750	40.05	.365	0	525
5.50	15.50	.275	+1	574

Perforations:
Type of perforation Slotted
Size of perforation .100
From 5.50" 514 feet to 574 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 500 feet below land surface
Artesian Flow: G.P.M. 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)
15	NA	12.0

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 Drilling Services (CONTRACTOR)
Address P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802
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 2308
Signed
By driller performing actual drilling on site or contractor
Date 26-Jun-09

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