

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

OFFICE USE ONLY
 Log No. 117704
 Permit No. 42932
 Basin 962

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. 67850 ✓

Baroid/Halliburton Industrial Products

1. OWNER RTH-1 ADDRESS AT WELL LOCATION 30 miles South of Dunphy Dunphy, NV
 MAILING ADDRESS 912 Dunphy Road
Battle Mountain, NV 89820 Subdivision Name: _____ County: Elko

2. LOCATION NE 1/4 NE 1/4 Sec 22 T37N R49E Latitude _____ UTM E 548661 NAD 27
 PERMIT/WAIVER NO. 42932 Longitude _____ N 4547062 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	Thickness
Fine black, grey & brown rock		0	10	10
Brown clay w/grey & tan rock		10	40	30
Fine brwn sand w/tan & grey rk		40	65	25
Brown clay w/grey & tan rock		65	70	5
Fine brwn sand w/tan & grey rk		70	75	5
Brown clay w/grey & tan rock		75	85	10
Fine brwn sand w/tan & grey rk		85	110	25
Fine grey rock		110	130	20
Fine dark grey rock		130	190	60
Dark grey rock		190	215	25
Grey rock		215	265	50
Fine tan rock		265	300	35
Grey rock		300	310	10
Dark grey rock		310	580	270
Light grey rock		580	595	15
Medium grey rock		595	620	25
Grey & tan rock		620	650	30
Light grey rock		650	695	45
Medium to dark grey rock		695	1545	850
Fine black rock		1545	2165	620
Test hole was abandoned				
Neat cement		0	10	10
5/8 Hole plug		10	50	40
Abandonite		50	2165	2115
10" casing cemented in		0	1500	1500
Date started:		February 7, 20 12		
Date completed:		March 19, 20 12		

9. WELL CONSTRUCTION

Depth Drilled 2165 Feet Depth Cased 1500 Feet

HOLE DIAMETER (BIT SIZE)

From	To
20 Inches	0 Feet 40 Feet
14.75 Inches	40 Feet 1500 Feet
6.25 Inches	1500 Feet 2165 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	62.58	.375	0	40
10.75	28.04	.25	0	1500

Perforations:

Type of perforation _____
 Size of perforation _____

From	feet to	feet
From _____	feet to _____	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 40 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: 744.4 feet below land surface
 Artesian Flow: N/A G.P.M. N/A P.S.I
 Water Temperature: 58 °F
 Quality: Good

8. WELL TEST DATA

TEST METHOD:	Draw Down (Feet Below Static)		
	G.P.M.	Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift <input checked="" type="checkbox"/>	Time (Hours)
1500'	126	N/A	N/A
2160'	32	N/A	N/A
NAD 27 41.073448°N, 116.419835°W			

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 2745 California Avenue (CONTRACTOR)
Salt Lake City, 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 2452

Signed _____
 By driller performing actual drilling on site or contractor
 Date April 2, 2012