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

OFFICE USE ONLY
Log No. 119099
Permit No.
Basin 155A

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. 70502

1. OWNER American Vanadium
MAILING ADDRESS 51 Buel St. Box 983
Eureka,Nv 89316

ADDRESS AT WELL LOCATION Little Smokey Valley
GHM-07
Subdivision Name: 578248 County: Eureka

2. LOCATION NE ¼ NE ¼ Sec 3 T 15 N N/S R 52 E
PERMIT/WAIVER No. M/O-1914
Issued by Water Resources
Parcel No.

Latitude
Longitude
UTM E ~~578148~~ ☑ NAD 27
N 4339998 ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sandstone	No	0	195'	195'
Black Carbon Shale	No	195'	385'	190'
Gray Rock	No	385'	420'	35'
Gray Rock	Yes	420'	800'	380'

RECEIVED JAN 22 2014 STATE ENGINEERS OFFICE
M/O-1914
NAD27
39.207606 N
116.093754° W

Date started: January 13th , 20 14
Date completed: January 17th , 20 14

7. Water Level
Static water level: 437' feet below land surface
Artesian Flow: No G.P.M. P.S.I.
Water Temperature: N/A °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
16	N/A	10

9. WELL CONSTRUCTION
Depth Drilled 800' Feet Depth Cased 800' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14.75"	Inches	0	Feet	20'	Feet
8.75	Inches	20	Feet	800'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.25	40.50	.25	0	20
4	N/A	Schedule 80	+18"	800'

Perforations:
Type of perforation Slot
Size of perforation .020
From 100 feet to 800 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 20' ☑ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☑ Yes ☐ No 98' to 800' ☑ Pumped ☐ Poured
Type: #8 washed sand
Bentonite Chips: ☑ Yes ☐ No 20' to 98' ☑ Pumped ☐ Poured
Type: 3/8" chips

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 Nevada
Contractor
Address PO Box 2748
Contractor
Elko, NV 89803
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* 2426
Signed Jeff McMahon
By driller performing actual drilling on site or contractor
Date 1/20/14

(Rev 05-08)
USE ADDITIONAL SHEETS IF NECESSARY