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

OFFICE USE ONLY
Log No. 115734
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. 70487

1. OWNER American Vandium US Inc
MAILING ADDRESS 51 Buel St. Box 983
Eureka NV 89316

ADDRESS AT WELL LOCATION Gibellini Project
Little Smokey Valley GHM-04
Subdivision Name: County: Eureka

2. LOCATION NW ¼ SW ¼ Sec 1 T 15 N/S R 52 E
PERMIT/WAIVER ~~MO~~ 01849 A
Issued by Water Resources
Parcel No.

Latitude 39.199880
Longitude -116.072502
UTM E N
☒ NAD 27 ☐ 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
Alluvium	No	0	25	25
Alluvium	No	25	460	435
Bedrock	Yes	460	460	0
Sandstone	Yes	460	600'	140
GHM-04				
NAD27				
39.199880 N				
116.072502 W				

Date started: December 3, 20 13
Date completed: December 8 th, 20 13

9. WELL CONSTRUCTION
Depth Drilled 600' Feet Depth Cased 600' Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14 3/4"	Inches 0 Feet	20' Feet
8 3/4"	Inches 20' Feet	600' Feet
	Inches Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10 1/4	40.50	1/4"	0	20'
4"	N/A	Schedule 80	+18"	600'

Perforations:
Type of perforation Slot
Size of perforation .020
From 100' feet to 600' 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 600' ■ Pumped ☐ Poured
Type:
Bentonite Chips: ■ Yes ☐ No 20' to 98' ☐ Pumped ■ Poured
Type: 3/8" Wyoming bentonite chips

7. Water Level
Static water level: 440' feet below land surface
Artesian Flow: No G.P.M. N/A 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)
2	N/A	12

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 21976
issued by the State Contractor's Board ~~0073086~~
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2426
Signed Jeff McMinis (By driller performing actual drilling on site or contractor)
Date 12-8-13

(Rev. 05-08) **USE ADDITIONAL SHEETS IF NECESSARY**

STATE ENGINEERS OFFICE
2013 DEC 20 AM 11:01
RECEIVED