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

OFFICE USE ONLY
Log No. 115824
Permit No.
Basin 142

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form it its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 68353

1. OWNER INTERNATIONAL MINERALS
MAILING ADDRESS 230 S Rock Blvd Suite 30
Reno, NV 89502

ADDRESS AT WELL LOCATION Alkali Spring Valley

2. LOCATION NE ¼ SE ¼ Sec 28 T 2 N/S R 42 E
PERMIT/WAIVER No. MO-1846 (Issued by Water Resources) Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 476644 N 4176199 ☐ NAD 27 ☒ NAD 83/WGS 84
County: Esmeralda

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
CLAY / GRAVEL MIX	NO	0	550'	550'
CLAY / GRAVEL MIX	YES	550	645	105
	+	18" -	538' 8"	
0-50' NEAT CEMENT		BLANK		
50'-636'8" NEAT CEMENT				
	538' 8" -	638' 8"		
		SCREEN		
636' 8" - 645' #8 SAND				
	END	CAP		

Date started 9-12-12, 20
Date completed 9-18-12, 20

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
15		

8. WELL CONSTRUCTION
Depth Drilled 645 Feet Depth Cased 638' 8" Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14"	Inches	0	Feet	20'	Feet
8 3/4"	Inches	20'	Feet	645'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"			+18"	658' 8"

Perforations:
Type of perforation SLOT
Size of perforation 100
From +18" feet to 638' 8" feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 50'
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☒ Yes ☐ No
From 636' 8" feet to 645' feet

9. WATER LEVEL
Static water level 466 ½' feet below land surface
Artesian flow NO G.P.M 15 P.S.I
Water temperature °F Quality

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Bart Longyear NV (Contractor)
Address P.O. Box 2748 Elko, NV 89803 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 0073086
Nevada driller's license number issued by the Division of Water Resources, the on-site driller
Signed Josh McManus (By driller performing actual drilling on site or contractor)
Date

DCNR/DWR RECEIVED OCT 16 2012

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

37.732837
117.264149 - NAD27

LAS VEGAS OFFICE