

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

OFFICE USE ONLY  
Log No. **115823**  
Permit No. \_\_\_\_\_  
Basin **142**

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. **69352**

1. OWNER **INTERNATIONAL MINERALS** ADDRESS AT WELL LOCATION **ALKALIA SPONGE VALLEY**  
MAILING ADDRESS **2305 ROCK BLVD SUITE 30**  
**RENO, NV 89502**

2. LOCATION **S1/4 NE 1/4 Sec 22 T 2 N R 42 E** Latitude **UTM E 477894**  NAD 27  
PERMIT/WAIVER No. **NO-1845** Longitude **N 4178338**  NAD 83/WGS 84  
Issued by Water Resources Parcel No. Subdivision Name: 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
<b>CLAY/GRANUL MZX</b>	<b>NO</b>	<b>0</b>	<b>540'</b>	<b>540'</b>
<b>Hard Rock</b>	<b>Yes</b>	<b>540'</b>	<b>645'</b>	<b>105'</b>
<b>0' CEMENT 0-50'</b>				
<b>BLANK</b>				
<b>BENTONITE CHIPS 50' - 536'</b>				
<b>#8 SAND SCREEN 536' - 538'</b>				
<b>638' - 645'</b>				

**DCNR/DWR RECEIVED**  
**OCT 16 2012**

**LAS VEGAS OFFICE**

8. WELL CONSTRUCTION

Depth Drilled **645'** Feet Depth Cased **640'** Feet

HOLE DIAMETER (BIT SIZE)

From	To
<b>14" Inches</b>	<b>0 Feet 20' Feet</b>
<b>8 3/4" Inches</b>	<b>80' Feet 645' Feet</b>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>4 1/2"</b>			<b>1.8"</b>	<b>638'</b>

Perforations:

Type of perforation **SLOT**  
Size of perforation **100**

From **638'** feet to **538'** feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
Depth of Seal **50'**  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
Gravel Packed:  Yes  No  
From **645'** feet to **536'** feet

9. WATER LEVEL

Static water level **480'** feet below land surface  
Artesian flow **NO** G.P.M. 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 **BOBET LONGYEAR NV** Contractor  
Address **PO BOX 2748 ELKO, NV 89805** 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 **2426**  
Signed **Josh M. Mannus**  
By driller performing actual drilling on site or contractor  
Date **9-11-12**

Date started **9-7-12**, 20  
Date completed **9-11-12**, 20

7. WELL TEST DATA

TEST METHOD:  Bailor  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<b>15</b>	<b>15</b>	<b>15</b>

37.752147  
117.250029 - NAD 27