

Well name: **BHMW-001**

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

OFFICE USE ONLY
Log No. 116410
Permit No. _____
Basin 151A

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. **67394**

1. OWNER Timber Line Resources Inc ADDRESS AT WELL LOCATION Little Smoky Valley Northern Basin
MAILING ADDRESS 101 E. Lake Side, Concord, NV 89404 BHMW-001A Esmeralda
Subdivision Name: _____ County: _____

2. LOCATION NW 1/4 SW 1/4 Sec 22 T 18 S R 53 E Latitude UTM E 4363291 NAD 27
PERMIT/WAIVER No. MO-1175 Longitude N 586339 NAD 83/WGS 84
Issued by Water Resources 1755 Parcel No. _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test Cable Rotary RVC
 Municipal/Industrial Monitor Stock Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Aluminum</u>		<u>0</u>	<u>50'</u>	<u>50'</u>
<u>Dalmar</u>	<u>300'</u>	<u>50'</u>	<u>600'</u>	<u>550'</u>
<u>Quartz</u>	<u>600'</u>	<u>600'</u>	<u>860'</u>	<u>260'</u>
<u>Hit water @ 300' 36 GPM</u>				
<u>600' 36 GPM</u>				
<u>700' 36 GPM</u>				
<u>800' 47 GPM</u>				

9. WELL CONSTRUCTION

Depth Drilled 860' Feet Depth Cased 860' Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>8 1/2"</u>	<u>95'</u>	<u>260'</u>	Feet
<u>10 3/4"</u>	<u>6'</u>	<u>80'</u>	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4 1/2"</u>		<u>3/16</u>	<u>6'</u>	<u>860'</u>

Perforations:

Type of perforation Machine
Size of perforation 100'

From	feet to	feet
<u>360'</u>	<u>860'</u>	feet
From	feet to	feet

Annular Seal: Yes No

Material	To	From	Method
<input checked="" type="checkbox"/> Neat Cement	<u>0'</u>	<u>90'</u>	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	to		<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	to		<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> 230% Bentonite Grout	to		<input type="checkbox"/> Pumped <input type="checkbox"/> Poured

Gravel Pack: Yes No 358' to 860' Pumped Poured
Type: 8/12 Sand

Bentonite Chips: Yes No 350' to 0' Pumped Poured
Type: Cement/Super plug Grout

Date started: 11/28 20 11
Date completed: 12/16 20 11

7. Water Level
Static water level: 300 feet below land surface
Artesian Flow: no G.P.M. _____ P.S.I. _____
Water Temperature: 60 °F
Quality: Clear

8. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>Est. 60 GPM</u>	<u>NA</u>	<u>4</u>

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 0073086
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1395

Signed [Signature]
Date 12/16/11

(Rev. 05-00) 39.416701°N 115.997045°W NA027

USE ADDITIONAL SHEETS IF NECESSARY