

Log No. 88156  
 Permit No. \_\_\_\_\_  
 Basin 062

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WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 50817

1. OWNER Hecla Ventures Corp. (BH-01) ADDRESS AT WELL LOCATION Ivanhoe minesite, 35 miles NW of Carlin, NV.  
 MAILING ADDRESS P.O. Box 2610 Winnemucca, NV 89446

2. LOCATION SW 1/4 NW 1/4 Sec. 4 T 37N N/S R 48E E Elko County  
 PERMIT NO. M/O-1263 Issued by Water Resources Parcel No. N/A Subdivision Name N/A

3. WORK PERFORMED  
 New Well  Replace  Recondition  Deepen  Abandon  Other \_\_\_\_\_  
 4. PROPOSED USE  
 Domestic  Municipal/Industrial  Irrigation  Monitor  Test  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Tuff - white		0	220	220
Andesite - gray		220	250	30
Tuff - brown	420	250	570	320
Quartzite - gray	520	570	805	235

Construction Detail:

Material	From	To	Thickness
Cement	0	50	50
Hole plug	50	735	685
Sand	735	805	70

RECEIVED  
 02 OCT -7 AM 11:34  
 STATE ENGINEERS OFFICE

Date started 9/24/2002 19  
 Date completed 9/29/2002 19

7. WELL TEST DATA

TEST METHOD:	TEST METHOD:	
	G.P.M.	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift		
Draw Down (Feet Below Static)		
<u>10</u>	<u>0</u>	<u>1.5</u>

8. WELL CONSTRUCTION

Depth Drilled 805 Feet Depth Cased 785 Feet  
 HOLE DIAMETER (BIT SIZE)  

Inches	From	To	Feet
<u>12.25</u>	<u>0</u>	<u>20</u>	<u>20</u>
<u>6.50</u>	<u>20</u>	<u>805</u>	<u>785</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>7.625</u>	<u>24.5</u>	<u>0.3125</u>	<u>+1</u>	<u>20</u>
<u>2.375</u>	<u>5.5</u>	<u>0.250</u>	<u>+1.5</u>	<u>785</u>

Perforations:  
 Type perforation Slot  
 Size perforation 0.020"  
 From 740 feet to 780 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 735 feet to 805 feet

9. WATER LEVEL

Static water level 476 feet below land surface  
 Artesian flow N/A G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
 Water temperature 73 °F Quality Good

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name Lang Exploratory Drilling Contractor  
 Address P.O. Box 5279 Contractor  
Elko, NV 89802-5279  
 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 1772  
 Signed Rod Adams  
 By driller performing actual drilling on-site or contractor  
 Date 10/3/02