

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

OFFICE USE ONLY

Log No. 88179  
 Permit No. \_\_\_\_\_  
 Basin Elko

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. 50817-

1. OWNER Hecla Ventures Corp. BH-02  
 MAILING ADDRESS P.O. Box 2610  
Winnemucca, NV 89446

ADDRESS AT WELL LOCATION Ivanhoe minesite, 35  
miles NW of Carlin, NV.

2. LOCATION SW 1/4 NW 1/4 Sec. 4 T 37N  
 PERMIT NO. M/O-1263 Issued by Water Resources  
 Parcel No. N/A

N/S R 48E E Elko County  
 Subdivision Name N/A

3. WORK PERFORMED  
 New Well  
 Deepen  
 Replace  
 Abandon  
 Recondition  
 Other \_\_\_\_\_

4. PROPOSED USE  
 Domestic  
 Municipal/Industrial  
 Irrigation  
 Monitor  
 Test  
 Stock

5. WELL TYPE  
 Cable  
 Air  
 Rotary  
 Other  
 RVC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Tuff white		0	315	315
Andesite gray		315	365	50
Tuff gray	340	365	450	85
Quartzite	420	450	715	265

Construction Detail:

Cement		0	50	50
Hole plug		50	640	590
Sand		640	715	75

8. WELL CONSTRUCTION

Depth Drilled 715 Feet Depth Cased 690 Feet

HOLE DIAMETER (BIT SIZE)

	From	To	
12.250 Inches	0	20	Feet
6.250 Inches	20	715	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7.625	24.5	0.3125	+1.5	20
2.375	5.5	0.250	+1.5	690

Perforations:

Type perforation Slot  
 Size perforation 0.020"  
 From 645 feet to 685 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 640 feet to 715 feet

9. WATER LEVEL

Static water level 425 feet below land surface  
 Artesian flow N/A G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
 Water temperature 74 °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 Rodney Aders  
 By driller performing actual drilling on-site or contractor

Date 10/16/02

Date started 9/29/2002, 19\_\_\_\_  
 Date completed 10/3/2002, 19\_\_\_\_

7. WELL TEST DATA

TEST METHOD:	Bailer	Pump	Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>0.5</u>	<u>Not Meas.</u>	<u>3.5</u>	<input checked="" type="checkbox"/>

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