STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 97877
Permit No.
Basin Ø62

NOTICE OF INTENT NO. 56309

1. OWNER Hecla Ventures
MAILING ADDRESS P.O. Box 2610
Winnemucca, NV 89446

ADDRESS AT WELL LOCATION
Ivanhoe Mine Well RP-1

2. LOCATION SW 1/4 NW 1/4 Sec. 33 T 37 N/S R 48 E Elko County
PERMIT NO.
Issued By Water Resources | Parcel No. | Subdivision Name

3. WORK PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Indust [x] Monitor [ ] Shock

5. WELL TYPE
[ ] Cable [x] Rotary [ ] RVC
[ ] Air [ ] Other Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top Soil		0	4	4
Coarse Gravel		4	25	21
Clay		25	50	25
Red Rock and Clay		50	65	15

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STATE ENGINEERS OFFICE

Date Started July 19 2005
Date Completed July 19 2005

7. WELL TEST DATA

TEST METHOD :
[ ] BAILER [ ] PUMP [ ] AIR LIFT

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
10		2

8. WELL CONSTRUCTION
Depth Drilled 65 Feet Depth Cased 60 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
7 7/8	Inches	0	Feet	65	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (inches)	Weight (pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"		PVC Sch 40	+2	50

Type Perforation Sch 40 Screen
Size Perforation 0.050
From 50 feet to 60 feet

Surface Seal : [x] Yes [ ] No
Depth of Seal 10'
Seal Type : [x] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Placement Method : [ ] Pumped [x] Poured

Gravel Packed : [x] Yes [ ] No
From 48 feet to 65 feet
From feet to feet

9. WATER LEVEL
Static Water Level 30 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature Cool °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 Hydro Resources Nevada Inc. dba Humboldt Drilling and Pump Co.

Address 4975 West Winnemucca Boulevard
Winnemucca, Nevada 89445

NV Contractor's LIC# issued by the State Contractor's Board 56797
NV Driller's LIC# issued by Div. of Water Resources, on-site driller 2099

Signed : C. Jaynes - Office Date : 8/26/05