WHITE - DIVISION OF WATER RESOURCES
CANARY - CLIENT'S COPY
PINK - WELL DRILLER'S COPY

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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. 95212
Permit No.
Basin 62

NOTICE OF INTENT NO. 53051

1. OWNER Hecla Ventures
MAILING ADDRESS PO Box 2610
winnemucca, NV 89446

ADDRESS AT WELL LOCATION WE-1

2. LOCATION SW 1/4 SW 1/4 Sec. 4 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/Industrial [X] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[ ] Air [ ] Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Clay stone		0	45	
Hard black chert		45	65	20
Brown broken claystone		65	70	5
Blue clay		70	95	25
Gray andesite		95	100	5
Quartz		100	110	10
NOTE: Hole abandoned				
from 100-110 w/Bentonite				
hole plug				

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STATE ENGINEERS OFFICE

Date started 8/24/04, 19__
Date completed 8/24/04, 19__

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
8/24/04	1		1

8. WELL CONSTRUCTION
Depth Drilled 110 Feet Depth Cased 100 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 inches	0 Feet	110 Feet
inches	Feet	Feet
inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4 1/2		Sch 40	1-1/2	97-1/2

Perforations:
Type perforation Sawcut
Size perforation .050
From 77 1/2 feet to 97½ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Surface Seal: [X] Yes [ ] No
Depth of Seal 75'
Placement Method: [ ] Pumped [X] Poured
Seal Type: [ ] Neat Cement [X] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 75 feet to 97 feet

9. WATER LEVEL
Static water level 55 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 Humboldt Drilling & Pump Co., Inc. (Contractor)
Address 4975 W. Winnemucca Blvd (Contractor)
Winnemucca, Nevada 89445
Nevada contractor's license number issued by the State Contractor's Board 56797
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1713
Signed _____ (By driller performing actual drilling on-site or contractor)
Date 10/8/04