

OFFICE USE ONLY
 Log No. 49434
 Permit No. 029
 Basin. I
 NOTICE OF INTENT NO. 32985

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

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

1. OWNER Heckla Mining Co. ADDRESS AT WELL LOCATION Rosebud Mining District
 MAILING ADDRESS 6500 Mineral Dr. Lovelock, NV.
Coeur d'Alene, ID. 83814-8788

2. LOCATION NE 1/4 NW 1/4 Sec. 24 T. 34 N/S R. 29 E Pershing County
 PERMIT NO. N/A Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other

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

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Tan Rock		0	70	70
Gray Clay		70	140	70
Gray Rock		140	150	10
Red Rock		150	160	10
Grey and Red Rock	XX	160	310	150
Green Rock	XX	310	450	140
Blue Clay		450	470	20
Green Rock	XX	470	520	50

8. WELL CONSTRUCTION
 Depth Drilled 520 Feet Depth Cased 520 Feet

HOLE DIAMETER (BIT SIZE)
 From 10 Inches To 0 Feet 520 Feet
 Inches Feet Feet Feet
 Inches Feet Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6-5/8	18.97	.250	0	520

Perforations:
 Type perforation Mill-Cut
 Size perforation 1/8"
 From 200 feet to 300 feet
 From 350 feet to 450 feet
 From 470 feet to 520 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 50 ft. Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 50 feet to 520 feet

9. WATER LEVEL
 Static water level 67 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature COOL °F Quality Unknown

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name PARSONS DRILLING, INC. Contractor
 Address P.O. BOX 1265 Contractor
FALLON, NV. 89407-1265
 Nevada contractor's license number issued by the State Contractor's Board 29064
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1696
 Signed Perkins Parsons
 By driller performing actual drilling on site or contractor
 Date August 15, 95

Date started June 26, 1995
 Date completed July 8, 1995

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

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

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 95 AUG 24 AM 10:20
 STATE ENGINEERS OFFICE