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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. 16888

1. OWNER INDEPENDENCE MINING CO. ADDRESS AT WELL LOCATION North side of
MAILING ADDRESS Mountain City Star Route Tailings Pond.
Elko, NV 89801

2. LOCATION SE 1/4 NW 1/4 Sec. 33 T 41 Q/S R 54 E Elko County
PERMIT NO. Waiver # M/O 389 Well # GW-19
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
Clay & gravel		0	13	13
Coarse gravel w/clay		13	33	20
Clay		33	42	9
Coarse gravel & clay		42	45	3
Small gravel & clay		45	47	2
Coarse gravel & clay		47	80	33
Gravel & clay	X	80	100	20
Clay		100	105	5
Clay & gravel		105	180	75

8. WELL CONSTRUCTION
Depth Drilled 180 Feet Depth Cased 150 Feet

HOLE DIAMETER (BIT SIZE)
10 Inches From 0 Feet To 180 Feet
Inches Feet Feet
Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>5 1/2</u>		<u>Sch 40 PVC</u>	<u>0</u>	<u>150</u>

Perforations:
Type perforation Machine slot
Size perforation 060
From 90 feet to 150 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

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

Gravel Packed: Yes No
From 50 feet to 150 feet

9. WATER LEVEL
Static water level 40 feet below land surface
Artesian flow _____ G.P.M. _____ P.S.I.
Water temperature _____ °F Quality _____

Date started May 20, 1991
Date completed June 13, 1991

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Est	<u>10-12</u>		

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.

Name HACKWORTH DRILLING INC. Contractor
Address P.O. Box 850 Contractor
Elko, NV 89801

Nevada contractor's license number issued by the State Contractor's Board 020582
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1120

Signed [Signature]
By driller performing actual drilling on site or contractor
Date 6-28-91