

JCM-20

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 11336  
 approximately 50 miles

1. OWNER INDEPENDENCE MINING CO. ADDRESS AT WELL LOCATION approximately 50 miles north of Elko, Nevada  
 MAILING ADDRESS Mountain City Star Route  
Elko, NV 89801

2. LOCATION NW 1/4 NE 1/4 Sec. 4 T. 40 N. S. R. 54 E. Elko County  
 PERMIT NO. Waiver MO 298

Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK  
 New Well  Recondition   
 Deepen  Other   
 4. PROPOSED USE Monitor  
 Domestic  Irrigation  Test   
 Municipal  Industrial  Stock  Other   
 5. TYPE WELL  
 Cable  Rotary   
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Dry hard pan		0	15	15
Damp brown		15	40	25
Clay big gravel	40	40	105	65
Thick clay		105	130	25
Gravel clay	140	130	140	10
Clay		140	160	20
Bentonite seal from 105 to 124 to seal two formations and to separate the two perforations in casing.				
'91 JAN 15 4 09:37 STATE ENGINEERS OFFICE				

8. WELL CONSTRUCTION  
 Diameter 8 inches Total depth 160 feet  
 \_\_\_\_\_ inches  
 \_\_\_\_\_ inches  
 Casing record pvc  
 Weight per foot \_\_\_\_\_ Thickness Sch 80  

Diameter	From	To
<u>2</u> inches	<u>2.5</u> feet	<u>65</u> feet
_____ inches	<u>2.5</u> feet	<u>134</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

 Surface seal: Yes  No  Type cement  
 Depth of seal 0-50 feet  
 Gravel packed: Yes  No   
 Gravel packed from 56 feet to 105 feet  
124 154  
 Perforations:  
 Type perforation mill slot  
 Size perforation .02  
 From 65 feet to 105 feet  
 From 134 feet to 154 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL  
 Static water level 40 feet below land surface  
 Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ C \_\_\_\_\_ F Quality \_\_\_\_\_

Date started October 4, 1990  
 Date completed November 2, 1990

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>Blow test</u>	<u>30</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.  
 Address P.O. Box 850 Elko, NV 89801  
 Nevada contractor's license number issued by the State Contractor's Board 020582  
 Nevada contractor's driller's number issued by the Division of Water Resources 1166  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1653  
 Signed Jerry C. Bener  
 By driller performing actual drilling on site or contractor  
 Date 1-8-91

BAILER TEST  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours