

JCM-5

WELL DRILLER'S REPORT

PRINT OR TYPE ONLY

Please complete this form in its entirety

NOTICE OF INTEREST NO. 1919

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 NE 1/4 SE 1/4 Sec 33 T 41 Q/R S 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
 Domestic Irrigation Test
 Municipal Industrial Stock
 5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thick-ness |
|---------------------|--------------|------|-----|------------|
| Clay, sand & gravel | | 0 | 10 | 10 |
| Sand & gravel | <u>20'</u> | 10 | 160 | 150 |

Test hole was drilled and logged - had to wait for casing to come in. Gravel and sand caving, cannot case with pvc casing. Drill to 160 and plug hole. Pump mud from bottom to the top. Pump 240 gallons, 9 lbs per gallon, 60 sec visc. Pump 75 gallons cement top 50 ft. is 15 lb per gallon.

See log 35159

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8. WELL CONSTRUCTION

Diameter 5" inches Total depth 160 feet
 _____ inches
 _____ inches

Casing record _____ Thickness _____
 Weight per foot _____

| Diameter | From | To |
|--------------|------------|------------|
| _____ inches | _____ feet | _____ feet |
| _____ inches | _____ feet | _____ feet |
| _____ inches | _____ feet | _____ feet |
| _____ inches | _____ feet | _____ feet |
| _____ inches | _____ feet | _____ feet |
| _____ inches | _____ feet | _____ feet |

Surface seal: Yes No Type _____
 Depth of seal _____ feet
 Gravel packed: Yes No
 Gravel packed from _____ feet to _____ feet

Perforations:
 Type perforation _____
 Size perforation _____
 From _____ feet to _____ feet
 From _____ feet to _____ feet

9. WATER LEVEL

Static water level 22 feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature C °F Quality _____

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 Elko, NV 89801 Contractor
 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 1689
 Signed Daniel D. Hersh By driller performing actual drilling on site or contractor
 Date 1-8-1991

7. WELL TEST DATA

| Pump RPM | G.P.M. | Draw Down | After Hours Pump |
|------------------|-----------|-----------|------------------|
| <u>Blow test</u> | <u>15</u> | | |
| | | | |
| | | | |
| | | | |

BAILER TEST

G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours