

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113542
Permit No. φ28
Basin φ28

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 24171

1. OWNER Hycraft Allied Mines ADDRESS AT WELL LOCATION Hycraft Mine - 55 mi. NW of Winnemucca, NV
MAILING ADDRESS 9790 Gateway Drive - Suite 200 Reno, NV 89521

2. LOCATION NE 1/4 SW 1/4 Sec 27 T 35 S R 29 E Latitude 35° 26' 3.3" N UTM E 359826.3 NAD 27
PERMIT/WAIVER No. NVO 1639 001-561-01 Longitude 118° 72' 18.32" W NAD 83/WGS 84
Issued by Water Resources Parcel No. Subdivision Name: County: Humboldt

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen 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	Thickness
<u>tan clay w/ alluvial gvl</u>		<u>0'</u>	<u>90'</u>	<u>90</u>
<u>gray clay w/ thin gvl beds</u>		<u>90'</u>	<u>145'</u>	<u>55</u>
<u>tan clay w/ alluvial gvl</u>	<input checked="" type="checkbox"/>	<u>145'</u>	<u>200'</u>	<u>55</u>
<u>light tan alluvial gvl + sediments</u>		<u>200'</u>	<u>315'</u>	<u>115</u>
<u>coarse alluvial gvl - tan</u>	<input checked="" type="checkbox"/>	<u>315'</u>	<u>505'</u>	<u>190</u>
<u>tan/black alluvial gvl + seds</u>	<input checked="" type="checkbox"/>	<u>505'</u>	<u>600'</u>	<u>95</u>

8. WELL CONSTRUCTION
Depth Drilled 600' Feet Depth Cased 597' Feet
HOLE DIAMETER (BIT SIZE)
From 16" To 20"
Inches 0' Feet 20' Feet
8.54 Inches 20' Feet 600' Feet
Inches Feet Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10.75</u>	<u>32</u>	<u>.279</u>	<u>0'</u>	<u>20'</u>
<u>4.50</u>	<u>2.75</u>	<u>.337</u>	<u>0'</u>	<u>516</u>

Perforations:
Type of perforation Slotted
Size of perforation 0.01
From 516' feet to 597' feet
From _____ feet to _____ feet

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 495' Cement Grout
Placement Method: Pumped Concrete Grout
 Poured
Gravel Packed: Yes No
From 495' feet to 600' feet

9. WATER LEVEL
Static water level _____ feet below land surface
Artesian flow _____ G.P.M. P.S.I.
Water temperature _____ °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 Stewart Bros. Drilling Co. Contractor
Address 306 Airport Rd Milan, NM 87021 Contractor
Nevada contractor's license number issued by the State Contractor's Board 0026661
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1631
Signed Sheldon Madal By driller performing actual drilling on site or contractor
Date 11-23-10

Date started 11-15 20 10
Date completed 11-20 20 10

7. WELL TEST DATA

TEST METHOD: <input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
		<u>N/A</u>	

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY
40.872992° N
118.721832° W
NAD 27 (TA)

RECEIVED
2011 APR - 7 AM 10:12
STATE ENGINEERS OFFICE