



Log No. 21458
 Permit No. 37419
 Basin 21936

N/N-1b

WELL DRILLERS REPORT

Please complete this form in its entirety

1. OWNER Cyprus Mines Corporation ADDRESS 555 South Flower Street
Los Angeles, CA 90071

2. LOCATION SW ^{SW} 1/4 ^{SWSE} 1/4 Sec. 31 T. 13N N/S R. 45 E. NYE County
 PERMIT NO. 37419

3. TYPE OF WORK	4. PROPOSED USE	5. TYPE WELL
New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input checked="" type="checkbox"/>	Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/>
Deepen <input type="checkbox"/> Other <input type="checkbox"/>	Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	Other <input type="checkbox"/> Mud <input type="checkbox"/>

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Light brown to yellow color poorly sorted sands, gravels, cobbles and occasional boulders of crystalline tuff, chert, and limestone; up to 10% silt and clay		0	157	157
pink to white color welded tuff contains quartz and biotite phenocrysts, and cherts fragments		157	260	103
white volcanic ash		260	280	20
Predominantly white crystalline tuff contains chert fragments		280	400	120
Predominantly white to pink welded tuff, white volcanic ash, interbedded with chert conglomerate		400	531	131

8. WELL CONSTRUCTION

Diameter hole 8 12 1/2 inches Total depth 531 feet
 Casing record 0-531 x 8 5/8 OD
 Weight per foot 22.36 Thickness .250

Diameter	From	To
8 5/8 inches	0	240
8 5/8 inches	280	388
8 5/8 inches	459	481
..... inches
..... inches
..... inches

Surface seal: Yes No Type cement
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from..... feet to..... feet

Perforations: 1) down-hole
 Type perforation 2) mill slot
1) 5/16 x 1/2
 Size perforation 2) 1/4"
 From (1) 240 feet to 280 feet
 From (2) 388 feet to 459 feet
 From (2) 481 feet to 531 feet
 From..... feet to..... feet
 From..... feet to..... feet

Date started March 27, 1980
 Date completed April 28, 1980

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>40</u>	<u>76.80</u>	<u>24 hrs.</u>

BAILER TEST

G.P.M. Draw down.....feethours
 G.P.M. Draw down.....feethours
 G.P.M. Draw down.....feethours

9. WATER LEVEL

Static water level 271.22 Feet below land surface.....
 Flow..... G.P.M.....
 Water temperature..... ° F. Quality.....

10. DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name W.L. McDonald & Co., Inc.
 Address P.O. Box 404 Sparks, Nevada 89431
 Nevada contractor's license number 9767
 Nevada driller's license number 953
 Signed D. Cohen by W.L. McDonald
 Date 8-14-80