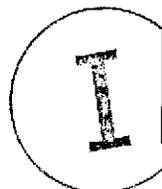


STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT



OFFICE USE ONLY

Log No. 102511
Permit No. _____
Basin 054

40.165633N
116.598905W NAD83

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

1. OWNER Cortez Gold Mine ADDRESS AT WELL LOCATION CHPZ-24 NOTICE OF INTENT NO. 58601
MAILING ADDRESS HC-166 Box 1250
Crescent Valley Nevada 89821 Subdivision Name: Cortez Hills County: Lander
2. LOCATION NE 1/4 SE 1/4 Sec 31 T 27 R 48 E Latitude _____ UTM E 534233.496 NAD 27
PERMIT/WAIVER No. M/D-1420 Longitude _____ N 4446017.196 NAD 83/WGS 84
Issued by Water Resources Parcel No. _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other Plugged

4. PROPOSED USE
 Domestic Irrigation Test Monitor
 Municipal/Industrial Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Gravle		0'	45'	
Gray Rock		45'	60'	
Gray rock w/ Tan Clay		60'	90'	
Gray rock		90'	200'	
Brown Clay		200'	220'	
quartz		220'	250'	
Gray Rock		250'	270'	
Brown Clay		270'	290'	
Gray rock w/ clay		290'	290'	
Gray + Tan Rock		290'	320'	
Gray + brown rock w/ clay		320'	360'	
Gray + Tan Rock		360'	470'	
Dike		470'	450'	
Gray Brown Rock		450'	530'	
Dike		530'	760'	
Intrusive (Quartz)		760'	1340'	
Cement		0'	0'	
Abandonite		470'	50'	
Bensind Grout		498'	498'	
#8 Gravle		502'	498'	
Bensind Grout		578'	502'	
#8 Gravle		602'	598'	
Bensind Grout		818'	602'	
#8 Gravle		822'	818'	
Bensind Grout		1278'	822'	
#8 Gravle		1346'	1278'	

9. WELL CONSTRUCTION

Depth Drilled 1340 Feet Depth Cased 90 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
<u>12"</u>	0'	20'	Inches	Feet
<u>7 7/8"</u>	20'	1340'	Inches	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>8 7/8"</u>		<u>183</u>	<u>0</u>	<u>20</u>
<u>2"</u>		<u>SCH 80 PVC</u>	<u>0</u>	

Perforations:

Type of perforation Slot
Size of perforation .020

Annular Seal: Yes No

Neat Cement 0' to 50' Pumped Poured
 Cement Grout to Pumped Poured
 Concrete Grout to Pumped Poured
 ≥30% Bentonite Grout to Pumped Poured

Gravel Pack: Yes No to Pumped Poured
Type: #8 Gravle
Bentonite Chips: Yes No to Pumped Paured
Type: _____

7. Water Level
Static water level: N/A feet below land surface
Artesian Flow: No G.P.M. _____ P.S.I.
Water Temperature: N/A °F
Quality: NA

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>5 gal bucket</u>	<u>120</u>	<u>N/A</u>	<u>1 hr</u>

10. DRILLER'S CERTIFICATION

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

Name Eklund Drilling Company Contractor
Address PO Box 2748 Contractor
Eiko, NV 89803

Nevada contractor's license number 0030823
issued by the State Contractor's Board
Nevada driller's license number issued by the 1957
Division of Water Resources, the on-site driller

Signed [Signature]
By driller performing actual drilling on site or contractor

Date _____