

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

OFFICE USE ONLY  
Log No. 115183  
Permit No. \_\_\_\_\_  
Basin 053

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. 33050 ✓

1. OWNER CORTEZ GOLD MINES ADDRESS AT WELL LOCATION NA  
MAILING ADDRESS HC-66 Box 1250 NA GRMN-12  
CRESENT VALLEY, NV 89821 Subdivision Name: EUREKA County:  
2. LOCATION NE 1/4 NW 1/4 Sec 01 T 25 N S R 48.5 E Latitude NA UTM E 542,524.0  NAD 27  
PERMIT/WAIVER No. M/O - 1815 Longitude NA N 4436,935.0  NAD 83/WGS 84

3. WORKED PERFORMED  New Well  Replace  Recondition  
 Deepen  Other  
4. PROPOSED USE  Domestic  Irrigation  Test  Cable  Rotary  RVC  
 Municipal/Industrial  Monitor  Stock  Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
ALLUVIUM		0	300	300
BLACK ROCK	315	300	330	30
ALLUVIUM		330	334	48
BLACK ROCK, BROWN SHALE		334	560	
BROWN SHALE, CLAY, SAND		560	700	
GRAY CLAY		700	830	
GRAY CLAY, GRAY ROCK		830	900	
BLACK ROCK BLACK CLAY		900	1200	
BLACK ROCK, GRAY		1200	1360	
GRAY ROCK		1360	1435	
BLACK ROCK		1435	1448	
GRAY ROCK, BLACK ROCK		1448	1465	
BLACK CLAY		1465	1490	
GRAY ROCK GRAY CLAY		1490	1570	
GRAY ROCK BLACK ROCK		1570	1670	
GRAY ROCK GRAY CLAY		1670	1830	
GRAY ROCK BLACK ROCK		1830	1930	
BLACK ROCK		1930	1970	
BLACK ROCK GRAY ROCK CLAY		1970	2000	

9. WELL CONSTRUCTION

Depth Drilled	Feet	Depth Cased	Feet
2000		2000	

HOLE DIAMETER (BIT SIZE)

From	To
14.75 Inches	0 Feet 60 Feet
9.35 Inches	60 Feet 548 Feet
8.75 Inches	540 Feet 2000 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	28.04	.25	0	60
4.5	11.35	.25	+3	2000

Perforations:

Type of perforation SLOTTED  
Size of perforation 1/8" x

From 1990 feet to 1790 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Angular Seal:  Yes  No

Neat Cement 0 to 100  Pumped  Poured  
 Cement Grout 16.75 to 100  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout 1775 to 1875  Pumped  Poured

Gravel Pack:  Yes  No 2000 to 1785  Pumped  Poured  
Type: 1/4 SRI SUPREME

Bentonite Chips:  Yes  No 1785 to 1775  Pumped  Poured  
Type: PEL-PW6 3/8

Date started: 3 26 20 12  
Date completed: 4 21 20 12

7. Water Level  
Static water level: \_\_\_\_\_ feet below land surface  
Artesian Flow: 1.5 G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: 96 °F  
Quality: GOOD

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
AIR LIFT	60	ARTESIAN	36 HRS

10. DRILLER'S CERTIFICATION

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

Name NATIONAL EWP Contractor  
Address 580 W SILVER ST. T Contractor  
ELKO NV 89801  
Nevada contractor's license number \_\_\_\_\_  
issued by the State Contractor's Board 246500153  
Nevada driller's license number issued by the \_\_\_\_\_  
Division of Water Resources, the on-site driller 57

Signed [Signature]  
By driller performing actual drilling on-site or contractor  
Date 4/23/12

RECEIVED  
2012 APR 30 AM 11:11  
STATE ENGINEERS OFFICE