

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Lag No. 86727
Permit No. _____
Basin 54

WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 47565

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

SMA-14

1. OWNER Cortez Gold Mines SMA-14: ADDRESS AT WELL LOCATION Cortez Gold minesite,
MAILING ADDRESS HC 66, Box 1250 south of Crescent Valley, NV.
Crescent Valley, NV 89821

2. LOCATION SE 1/4 NE 1/4 Sec. 32 T 28N N/S R 47E E Lander County
PERMIT NO. M/O-1003 N/A N/A
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon 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	Thick-ness
Perforated from 328' up to 230' prior to abandoning. Abandoned by pumping abantonite via tremie to 108', pumped hole plug to 21.5', and capped with neat cement.				
Quantities Used:				
Cement: 2.4 cu.ft.				
Hole plug: 7.6 cu.ft.				
bantomite: 32.9 cu.ft.				
Original construction report shows:				
Cement		0	60	60
Bentonite slurry		60	230	170
Sand pack		230	450	220

Date started 12/19/2001, 19
Date completed 12/19/2001, 19

7. WELL TEST DATA

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

8. WELL CONSTRUCTION

Depth Drilled 450 Feet Depth Cased 428 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>12.25</u>	<u>0</u>	<u>20</u>	<u>20</u>
<u>8</u>	<u>20</u>	<u>450</u>	<u>450</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4.5</u>	<u>2.86</u>	<u>Sch. 80</u>	<u>+2</u>	<u>428</u>

Perforations:
Type perforation Horiz.
Size perforation 0.020"

From	feet to	feet to
<u>328</u>	<u>428</u>	

Surface Seal: Yes No Seal Type: Neat Cement
Depth of Seal 60' Cement Grout
Placement Method: Pumped Poured Concrete Grout
Gravel Packed: Yes No
From 230 feet to 450 feet

9. WATER LEVEL
Static water level 292.3 feet below land surface
Artesian flow N/A 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 Lang Exploratory Drilling Contractor
Address P.O. Box 5279 Contractor
Elko, NV 89802-5279
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2144
Signed Paul Stoddard
By driller performing actual drilling on-site or contractor
Date 1/3/02

B.S.T.A.