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

OFFICE USE ONLY
Log No. 104314
Permit No.
Basin 054

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. 59824

1. OWNER Barrick/Cortez
MAILING ADDRESS HC66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Gold Mine
SH-02AR2 (from NOI)
Subdivision Name: County: Lander

2. LOCATION NW ¼ SE ¼ Sec 12 T 27N N/S R 46 E
PERMIT/WAIVER No. NEV93109
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 522343 [x] NAD 27
N 4452455 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

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

5. WELL TYPE
[ ] Cable [ ] Rotary [x] RVC
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Aluvium		0	40	40
Orange & Brown Clays w/shale rock		40	160	120
Brown Rock		160	260	100
Black Rock & Clay		260	280	20
Gray Rock & Clay		280	310	30
Black Rock w/clay		310	940	630
Black Rock		940	1500	560

N 40.224116
W 116.737395 NAD27

Date started: 30-Aug , 20 07
Date completed: 24-Sep , 20 07

9. WELL CONSTRUCTION
Depth Drilled 1500 Feet Depth Cased ~~1500~~ 1498 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9.5	Inches	0	Feet	20	Feet
6 3/4	Inches	20	Feet	240	Feet
8 1/2	Inches	60	Feet	1500	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5	11.5	Sch 80	+2	1498

Perforations:
Type of perforation Slot
Size of perforation 0.02
From 1398 feet to 1498 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [x] Yes [ ] No
[x] Neat Cement 0 to 51 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [x] Yes [ ] No 1390 to 1500 [x] Pumped [ ] Poured
Type: 1/4"
Bentonite Chips: [x] Yes [ ] No 1390 to 51 [ ] Pumped [x] Poured
Type: 3/8" Hole Plug

7. Water Level
Static water level: 1278 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
Quality:

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [ ] Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
6	222	3.5

STATE ENGINEERS OFFICE
2007 SEP 27 AM 11:58
RECEIVED

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, Inc. (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0030823
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* M-2260
Signed Reese Schoon by [illegible] (By driller performing actual drilling on site or contractor)
Date 9/24/2007

(Rev 05-06)
USE ADDITIONAL SHEETS IF NECESSARY