STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 104324
Permit No.
Basin Ø54

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. 59810

1. OWNER Barrick/Cortez
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Hills
Hole #DW-08
Subdivision Name: County: Lander

2. LOCATION SE ¼ NE ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. W-599/75151
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 534222.807 [x] NAD 27
N 4446291.628 [ ] NAD 83/WGS 84

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

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

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Overburden		0	30	30
Grey/Blk limestone		30	260	230
Quartz Manzanite	x	260	600	340
Quartz Clay		600	740	140
Quartz Manzanite	x	740	800	60
Dike		800	830	30
Quartz	x	830	1080	250
Dike		1080	1110	30
Quartz Manzanite	x	1110	1920	810

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N 40.168181
W 116.598108 NAD27

Date started: 24-Jul, 20 07
Date completed: 10-Sep, 20 07

7. *Water Level*
Static water level: 177 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: cool °F
Quality: good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
250	460	12-developing
plugged by log 11/6/72		screen

9. *WELL CONSTRUCTION*
Depth Drilled 1920 Feet Depth Cased 1920 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
24	Inches	0	Feet	80	Feet
18	Inches	80	Feet	540	Feet
17 1/2	Inches	540	Feet	1920	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	78.6	3/8	0	80
10	34	5/16	0	1920
2	4.43	F480	0	1910

Perforations:
Type of perforation Louver
Size of perforation 0.125
From 400 feet to 1920 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 80 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [x] Yes [ ] No 196 to 1920 [ ] Pumped [x] Poured
Type: 5/8"
Bentonite Chips: [x] Yes [ ] No 80 to 196 [ ] Pumped [x] Poured
Type: 3/8" hole plug

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* 2318
Signed John M. O'Brien by (MW) (By driller performing actual drilling on site or contractor)
Date 9/11/2007

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY