

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



OFFICE USE ONLY

Log No. 104781
Permit No. _____
Basin 354

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. 61249

1. OWNER Barrick/Cortez ADDRESS AT WELL LOCATION Cortez Hills
MAILING ADDRESS HC66 Box 1250 Hole #CHPZ-58
Crescent Valley, NV 89821 Subdivision Name: _____ County: Lander

2. LOCATION NW 1/4 SW 1/4 Sec 6 T 26N N/S R 48 E Latitude 40.152394 UTM E 532766.954 NAD 27
PERMIT/WAIVER No. M/O-1472 Longitude 116.615285 N 4444532.762 NAD 83/WGS 84

Issued by Water Resources Parcel No. _____

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen 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
Broken gravel/alluvium		0	190	190
190' bedrock				
Red-Yellowish (volcanics)		190	520	330
Red-gray rock		520	780	260
Light greenish gray rock		780	870	90
Red-green-gray rock mix		870	1080	210
Dark gray with green rock		1080	1200	120
Light gray rock		1200	1250	50
Gray - green rock		1250	1450	200
Green rock with clays		1450	1470	20
Softer Green rock		1470	1500	30
First noticed water	520'			
21 gpm @	540'			
28 gpm @	600'			
100 gpm @	1120'			
136 gpm @	1340'			
150 gpm @	1500'			

9. WELL CONSTRUCTION

Depth Drilled 1500 Feet Depth Cased 1500 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12 1/4 Inches	0	40
6 3/4 Inches	40	680
6 1/2 Inches	680	1500

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		.188	0	40
2		Sch 80 pvc	0	1500

Perforations:

Type of perforation Slotted
Size of perforation 0.02

From Blank PVC 0 feet to 1300 feet
From Slotted PVC 1300 feet to 1500 feet

Annular Seal: Yes No

Neat Cement 0 to 60 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout 992 to 1298 Pumped Poured

Gravel Pack: Yes No 1298 to 1500 Pumped Poured
Type: #8 Gravel

Bentonite Chips: Yes No 60 to 992 Pumped Poured
Type: 3/8" bentonite hole plug, also pumped abandonite

7. Water Level

Static water level: 192 feet below land surface
Artesian Flow: No G.P.M. N/A P.S.I.
Water Temperature: Cool °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 type="checkbox"/> Air Lift			
N/A 150 gpm while drilling @ 1500'			

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-2298

Signed August Wildeman by MW
By driller performing actual drilling on site or contractor

Date 10/31/2007