

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

OFFICE USE ONLY  
Log No. 103193  
Permit No. \_\_\_\_\_  
Basin 059

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. 58633

1. OWNER BARRICK / CORTEZ  
MAILING ADDRESS HC 66 Box 1259  
NW Crescent Valley, NV 89821  
2. LOCATION NE 1/4 NW 1/4 Sec 18 T 26 N R 47 E  
PERMIT/WAIVER No. M10-1441 48

ADDRESS AT WELL LOCATION CORTEZ HILLS  
CHPZ-49  
Subdivision Name: \_\_\_\_\_ County: Lander  
Latitude 40.128122 UTM E 532761.497  NAD 27  
Longitude 116.615486 N 4441638.186  NAD 83/WGS 84

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
ALLUVIUM / GRAVEL		0	30	30
GRAVEL / CLAYS		30	300	270
BED ROCK AT 300'				
<b>RED</b> VOLCANIC ROCK + CLAYS		300	860	560
3 GPM	406'			
20 GPM	480'			
30 GPM	580'			
65 GPM	700'			
100 GPM	740'			
170 GPM	860'			

1/4" → GRAVELLED 20' SLOTTED PVC SECTION AT 240'-260', PUMPED BENTONITE GROUT 200'-230' PUMPED ABANDONATE FROM 200' TO SURFACE. PUMPED 60' CEMENT SEAL: 0'-60'

RECEIVED APR 19 AM 10:30 ENGINEERS OFFICE

9. WELL CONSTRUCTION

Depth Drilled 860 Feet Depth Cased 860 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>12 1/4"</u>	0	20	20
<u>6 3/4"</u>	20	860	860

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>8 3/8"</u>		<u>.188</u>	0	20
<u>2 1/2"</u>		<u>SCH 80 PVC</u>	0	860

Perforations: SLOTTED 24 6-18-08 per well driller 6770

Type of perforation SLOTTED

Size of perforation .020

From BLANK PVC 0 feet to 240' 760' feet

From SLOTTED PVC 240 feet to 260 feet

From BLANK PVC 260 feet to 760 feet

From SLOTTED PVC 760 feet to 860 feet

Annular Seal:  Yes  No

Neat Cement → 0 to 60  Pumped  Poured

Cement Grout 240 to 260  Pumped  Poured

Concrete Grout 260 to 740  Pumped  Poured

≥30% Bentonite Grout 260 to 740  Pumped  Poured

Gravel Pack:  Yes  No 740 to 860  Pumped  Poured

Type: 1 3/8" - 1/4" GRAVEL

Bentonite Chips:  Yes  No N/A  Pumped  Poured

Type: N/A

Date started: MARCH 23 RD 20 07

Date completed: APRIL 6 3 RD 20 07

7. Water Level

Static water level: 86 feet below land surface

Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.

Water Temperature: COOL °F

Quality: GOOD

8. WELL TEST DATA

TEST METHOD:  Bailor  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>N/A</u>	<u>NO TEST</u>	
<u>170 GPM WHILE DRILLING</u>		

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 / AUGUST WILDEMAN Contractor

Address P.O. Box 2748 Contractor

ELKO, NV 89803

Nevada contractor's license number 0030823 issued by the State Contractor's Board

Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2298

Signed [Signature] by driller performing actual drilling on site or contractor

Date 4-4-07