Chpz38

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

I

OFFICE USE ONLY
Log No. 103856
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. 59803

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

ADDRESS AT WELL LOCATION Cortez Hills
Subdivision Name:
County: Lander

2. LOCATION SE ¼ NE ¼ Sec 31 T 27 N/S R 48 E
PERMIT/WAIVER No. Mb 1437
Issued by Water Resources
Parcel No:

Latitude 40.167900
Longitude 116.597640
UTM E 534262.138 ☒ NAD 27
N 4446260.607 ☐ 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	Thickness
Quartz monzonite	X	0	370	370
Black limestone - clay	X	370	390	20
Quartz monzonite	X	390	580	190
Black Limestone	X	580	600	20
Quartz monzonite	X	600	1020	420
Black limestone	X	1020	1060	40
Quartz monzonite	X	1060	1780	720

Date started: 4-17- 20 07
Date completed: 6-2 20 07

7. Water Level
Static water level: 283 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 ☒ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Drill pipe	250+		

9. WELL CONSTRUCTION
Depth Drilled 1780 Feet Depth Cased 1780 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14¼"	Inches	0	Feet	40	Feet
9⅞	Inches	40	Feet	1260	Feet
9⅞	Inches	1260	Feet	1780	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10"	48	0.438	0	40
2"	PVC	Sch 80	0	1780

Perforations:
Type of perforation slotted
Size of perforation 0.020
From 1420 feet to 1780 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 55 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 1419 to 1780 ☒ Pumped ☐ Poured
Type: ¼" SCI Supreme
Bentonite Chips: ☒ Yes ☐ No 55 to 1419 ☒ Pumped ☐ Poured
Type: EZ SEAL #8 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 (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89801
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 driller performing actual drilling on site or contractor)
Date 6-4-07

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 06-06)