ch02-34

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

OFFICE USE ONLY
Log No. 105746
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. 58619

1. OWNER Barrick / Cortez
MAILING ADDRESS HC 60 Box 1250
Crescent Valley, NV 89821

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

2. LOCATION SE ¼ SE ¼ Sec 31 T 27 N/S R 48 E
PERMIT/WAIVER No. M/D 1432 (Issued by Water Resources) Parcel No.

Latitude 40.163001 Longitude 116.599231
UTM E 534129.213 N 4445716.700 ☒ NAD 27 ☐ 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
Brown-Gray Limestone		0	610	610
Black-Brown Limestone		610	940	330
Clay Dike		940	960	20
Black-Brown Limestone	X	960	1000	40
Dike		1000	1050	50
Brown Limestone		1050	1160	110
Brn-Black Limestone	X	1160	1430	270
Clay Dike Brown Limestone		1430	1440	10
Brown Limestone		1440	1460	20
Clay Dike with Limestone	X	1460	1510	50
Black Limestone		1510	1610	100
Clay Dike-Limestone		1610	1640	30
Limestone		1640	1720	80
Quartzite	X	1720	1760	40

Date started: 2-14-07, 20 07
Date completed: 2-27, 20 07

7. Water Level
Static water level: 753 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	154		

9. WELL CONSTRUCTION
Depth Drilled 1760 Feet Depth Cased 1760 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13¾	Inches	0	Feet	40	Feet
6¾	Inches	40	Feet	700	Feet
6½	Inches	700	Feet	1760	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8"	33	0.375	0	40
2"	PVC	Sch 80	0	1760

Perforations:
Type of perforation slotted
Size of perforation 0.020
From 1740 feet to 1760 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 54 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 1738 to 1760 ☒ Pumped ☐ Poured
Type: 1/4" Gravel
Bentonite Chips: ☒ Yes ☐ No 54 to 1738 ☒ Pumped ☐ Poured
Type: Ezseal #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 (Contractor) Eklund Drilling Company
Address (Contractor) PO Box 2748
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 3-1-07

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY