chpz-32

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

OFFICE USE ONLY
Log No. 103073
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. 58617

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

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

2. LOCATION NW SW ¼ Sec 31 T 27 N S R 48 E
PERMIT/WAIVER No. m/o 1432 (Issued by Water Resources)
Parcel No.

Latitude
Longitude
UTM E 533778.757 ☒ NAD 27
N 4445725.525 ☐ 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
Overburden		0	40	40
Grey Rock		40	210	170
Pinkish grey Rock		210	580	370
Black Rock		580	1020	440
Greenish Grey Rock		1020	1520	500

N 40.163104
W 116.603343 NAD27

Date started: 1-9- , 20 07
Date completed: 1-17 , 20 07

7. Water Level
Static water level: 556.15 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)
Drillpipe	160		

9. WELL CONSTRUCTION
Depth Drilled 1520' Feet Depth Cased 1520 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13¼	Inches	0	Feet	40	Feet
6¾	Inches	40	Feet	1060	Feet
6½	Inches	1060	Feet	1520	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8	33	.0375	0	40
2	PVC	Sch. 80	0	1520

Perforations:
Type of perforation Slotted
Size of perforation .020
From 1400 feet to 1520 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 61 ☒ Pumped ☐ Poured
☐ Cement Grout to Pumped Poured
☐ Concrete Grout to Pumped Poured
☐ ≥30% Bentonite Grout to Pumped Poured

Gravel Pack: ☒ Yes ☐ No 1399 to 1520 ☒ Pumped ☐ Poured
Type: 1/4" Gravel
Bentonite Chips: ☒ Yes ☐ No 61 to 1399 ☒ 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'Br (By driller performing actual drilling on site or contractor)
Date 2-1-07

2007 FEB 2 AM 11:29

(Rev. 35-06)

USE ADDITIONAL SHEETS IF NECESSARY