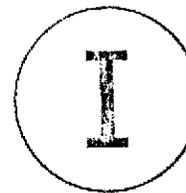


chp218

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



OFFICE USE ONLY  
Log No. 103070  
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. 58622  
Cortez Hills

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

ADDRESS AT WELL LOCATION  
Subdivision Name: \_\_\_\_\_ County: Lander

2. LOCATION 1/4 NW 1/4 Sec 31 T 27 S R 48 E  
PERMIT/WAIVER No. m/o 1408  
Issued by Water Resources Parcel No. \_\_\_\_\_

Latitude 40.170940 UTM E 52961423  NAD 27  
Longitude 116.612896 N 4446591.616  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
GRAVEL		0	30	30
GLY-GRN Rock		30	340	310
Black Rock		340	360	20
DIKE		360	410	50
Black Rock		410	650	240
DIKE		650	660	10
Black Rock		660	700	40
DIKE		700	730	30
Black-Rock	X	730	1180	450
DIKE		1180	1310	130
Black Rock	X	1310	1560	250
Plugged under NOT 62692				

9. WELL CONSTRUCTION				
Depth Drilled	Feet	Depth Cased	Feet	
<u>1560</u>		<u>1560</u>		
HOLE DIAMETER (BIT SIZE)				
	From	To		
<u>13 1/4</u>	Inches	<u>0</u>	Feet	<u>20</u> Feet
<u>6 7/8</u>	Inches	<u>20</u>	Feet	<u>1560</u> Feet
	Inches		Feet	

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>8"</u>	<u>33</u>	<u>.0375</u>	<u>0</u>	<u>20</u>
<u>2"</u>	<u>PVC</u>	<u>Sch. 80</u>	<u>0</u>	<u>1560</u>

Perforations:  
Type of perforation Slotted  
Size of perforation 0.020  
From 1520 feet to 1560 feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No  
 Neat Cement 0 to 63  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Gravel Pack:  Yes  No 1578 to 1560  Pumped  Poured  
 Type: 1/4"  
 Bentonite Chips:  Yes  No 63 to 1578  Pumped  Poured  
 Type: 22 seal # 8 3/8 hole plug

Date started: 2-7-07 : 20 07  
Date completed: 2-14-07 : 20 07

7. Water Level  
Static water level: 760 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ 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"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
<u>Drill pipe</u>	<u>29</u>		

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision and the report is true to the best of my knowledge.  
Name: Ekland Drilling Company Contractor  
Address: PO Box 2748 Contractor  
Elko, NV 89801  
Nevada contractor's license number 0030823  
issued by the State Contractor's Board  
Nevada driller's license number issued by the 2318  
Division of Water Resources, the on-site driller  
Signed: John M. Ekland  
By driller performing actual drilling on site or contractor  
Date: 2-20-07