chpz-30

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

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

OFFICE USE ONLY
Log No. 102652
Permit No.
Basin 054

NOTICE OF INTENT NO. 58609

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

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

2. LOCATION NE ¼ NW ¼ Sec 6 T 26 N/S R 48 E
PERMIT/WAIVER No. M/O 1430
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 533299.618 ☒ NAD 27
N 4444947.273 ☐ 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	40	40
Conglomerate		40	470	430
Dike		470	490	20
Marble	X	490	630	140
Dike		630	650	20
Marble	X	650	740	190
Dike		740	760	20
Marble		760	1030	270
Tan - White - Rock		1030	1080	50
Grey Rock		1080	1120	40
Black - Brown Rock	X	1120	1300	280
Black - Lighter Rock		1300	1420	120
N 40.156029				
W 116.609934 NAD83				

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Date started: 11-20-06, 20 06
Date completed: 12-4-06, 20 06

7. Water Level
Static water level: 620 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)
Dall pipe	63		

9. WELL CONSTRUCTION
Depth Drilled 1420 Feet Depth Cased 1420 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13 1/4	Inches	0	Feet	40	Feet
6 3/4	Inches	40	Feet	1280	Feet
6 1/2	Inches	1280	Feet	1420	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	1420

Perforations:
Type of perforation Slotted
Size of perforation .020
From 1380 feet to 1420 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 59 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 1378 to 1420 ☒ Pumped ☐ Poured
Type: 1/4"
Bentonite Chips: ☒ Yes ☐ No 59 to 1378 ☒ Pumped ☐ Poured
Type: EZSEAL #8 - Abandmite

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 89803
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'Bi (By driller performing actual drilling on site or contractor)
Date 12-6-06

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY