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

OFFICE USE ONLY
Log No. 107597
Permit No.
Basin 066 pg 1

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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 60776

1. OWNER Barrick Turquoise Ridge Inc.
MAILING ADDRESS PO Box 220 Golconda , Nevada

ADDRESS AT WELL LOCATION 24 Miles NE of Golconda Nevada
Subdivision Name: County: Humboldt

2. LOCATION NW ¼ SW ¼ Sec 6 T 38N N/S R 43 E
PERMIT/WAIVER No. R- 579A / 76920 (Issued by Water Resources) 76920 Parcel No.

Latitude N 41.200933 (NAD27) UTM E ☐ NAD 27
Longitude W 117.179329 N ☒ 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
Med sandy fine gravel		0	115	115
silty med sand low to non plastic		115	150	35
med sandy gravel		150	250	100
med sand		250	260	10
coarse sandy gravel		260	265	5
sandy gravel		265	300	35
med sandy coarse gravel		300	305	5
med sandy gravel		305	310	5
med sandy coarse gravel		310	320	10
med sandy gravel		320	335	15
sandy coarse gravel		335	345	10
sandy gravel		345	370	25
silty coarse gravel		370	380	10
sandy fine gravel		380	405	25
sandy coarse gravel		405	500	95
sandy gravel with silt		500	540	40
sandy gravel		540	585	45
silty sand low plastic		585	610	25

Date started: 19th May , 20 08
Date completed: 1st June , 20 08

9. WELL CONSTRUCTION
Depth Drilled 610 Feet Depth Cased 600 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
36	Inches	0	Feet	59	Feet
28	Inches	59	Feet	610	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30	118.64	.375	0	59
16	52.36	.312	0	320
16	52.36	.312	360	400

Perforations:
Type of perforation Full Flow Louvered
Size of perforation .125
From 320 feet to 360 feet
From 400 feet to 480 feet
From 520 feet to 590 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 0 to 610 ☒ Pumped ☐ Poured
Type: SRI 1/4 X1/8 Well Gravel
Bentonite Chips: ☒ Yes ☐ No 500 to 510 ☒ Pumped ☐ Poured
Type: 3/4" Chips Bentonite

7. Water Level
Static water level: 107 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Pump	700	111	24

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name WDC Exploration and Wells (Contractor)
Address 580 W. Silver Street Elko Nevada 89801 (Contractor)
Nevada contractor's license number issued by the *State Contractor's Board* 0012852
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1616
Signed (By driller performing actual drilling on site or contractor)
Date 6/29/2008

(Rev. 05-05)
USE ADDITIONAL SHEETS IF NECESSARY

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PERMIT/WAIVER No. Issued by Water Resources
Parcel No.

Latitude N 41.200933 NAD
Longitude W 117.179329
UTM E N
☒ NAD 27
☐ NAD 83/WGS 84

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☐ New Well ☒ Replace ☐ Recondition
☐ Deepen ☐ Other

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☐ Domestic ☐ Irrigation ☐ Test
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5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC
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6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness

Date started: , 20
Date completed: , 20

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Depth Drilled 610 Feet Depth Cased 600 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
Inches	Feet	Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	52.36	.312	480	520
16	52.36	.312	590	600

Perforations:
Type of perforation
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Contractor
Address Contractor
Nevada contractor's license number issued by the *State Contractor's Board*
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller*
Signed By driller performing actual drilling on site or contractor
Date

2009 JAN 28 AM 10: 23

(Rev 05-06)

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