STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 107681
Permit No.
Basin 066

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 63045

1. OWNER Barrick Pinson Mine BPW-3
MAILING ADDRESS HC66, Box 2
Golconda, NV 89414

ADDRESS AT WELL LOCATION Pinson Mine, north of Golconda, NV
Subdivision Name: NA County: Humboldt

2. LOCATION NW¼NW¼ Sec33T38N/ R42E
PERMIT/WAIVER NO. 57887 (Issued by Water Resources) NA (Parcel. No.)

Latitude 41.133150 Longitude 117.257868
UTM E 478356 N 4553358 ☒ NAD 27 ☐ NAD 83/WGS 84

3. WORK 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 Flooded Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Aluvium w/ large amount of fine grains		0'	20'	20'
Mixed Brown/Black Alluvium		20'	85'	65'
Black Shale		85'	125'	40'
Black Calcareous Shale		125'	195'	70'
Black Siliceous Shale		195'	205'	10'
Black Calcareous Shale		205'	250'	45'
Dark Gray Calcareous Shale		250'	360'	110'
Black Calcareous Shale		360'	525'	165'
Black Calcareous Shale		525'	590'	65'
Black Calcareous Shale		590'	650'	60'
Black Shale		650'	670'	20'
Black Shale		670'	745'	75'
Black Shale		745'	760'	15'
Black Shale		760'	815'	55'
Brown Shale		815'	1065'	250'
Maroon/Brown Shale		1065'	1075'	10'
Maroon Siliceous Shale		1075'	1165'	90'
Gray Siliceous Shale		1165'	1225'	60'
Light Gray Shale		1225'	1240'	15'
Black Carbonaceous Siliceous Shale		1240'	1320'	80'
Black Siliceous Shale		1320'	1335'	15'
Black Siliceous Carbonaceous Shale		1335'	1400'	65'

Date started: 27-Aug, 20 08
Date completed: 01-Oct, 20 08

7. Water Level
Static water level: 431 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: Cool °F
Quality: Clear

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
385	21	3.0

9. WELL CONSTRUCTION
Depth Drilled 1400 Feet Depth Cased 1391 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
38.00 Inches	0 Feet	115 Feet
28.00 Inches	115 Feet	1400 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30.00	118.65	.375	0	115
18.00	58.94	.3125	+1	1391
2.375	3.65	.154	+1	1380

Perforations:
Type of perforation Louvered
Size of perforation .125
From 500 feet to 540 feet
From 580 feet to 620 feet
From 660 feet to 700 feet
From 740 feet to 1380 feet
From 2" ----1200 feet to 1380 feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 98 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 393 to 1400 ☐ Pumped ☒ Poured
Type: 1/4 x 3/8 SRI
Bentonite Chips: ☒ Yes ☐ No 98 to 393 ☐ Pumped ☒ Poured
Type: 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 Boart Longyear Drilling Services (CONTRACTOR)
Address P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2053
Signed
By driller performing actual drilling on site or contractor
Date 15-Oct-08

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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