STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 109914
Permit No.
Basin Ø61 1 of 5

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. 63056

1. OWNER Barrick Goldstrike Mine BW-44
MAILING ADDRESS P.O. Box 29 Page 1
Elko, NV 89803

ADDRESS AT WELL LOCATION Barrick Goldstrike Mine, north of Carlin, NV
Subdivision Name: NA County: Eureka

2. LOCATION NW¼SE¼ Sec13T36N/ R49E
PERMIT/WAIVER NO. 76828 (Issued by Water Resources) NA (Parcel. No.)

Latitude 40.997038°N UTM E 551937 ☒ NAD 27
Longitude 116.382495°W N 4538400 ☐ NAD 83/WGS 84
NAD 27

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
Tan/Brown/Gray Rock		0'	68'	68'
Black Rock w/Clay		68'	200'	132'
Black/Tan Clay w/ Black Rock		200'	240'	40'
Black Rock w/Gray Clay		240'	562'	322'
Gray Rock		562'	568'	6'
Black Rock		568'	900'	332'
Black Rock & Clay		900'	1327'	427'
Gray/Green Rock w/White Clay		1327'	1400'	73'
Black Rock & Clay		1400'	1675'	275'
No Circulation		1675'	2220'	545'
Black Rock w/Calcite		2220'	3069'	849'
Construction Notes:				
Neat Cement		2282'	2295'	13'
18" casing telescoped out of bottom of 24"				

Date started: 16-Jan, 20 09
Date completed: 16-Mar, 20 09

9. WELL CONSTRUCTION

Depth Drilled 3072 Feet Depth Cased 3072 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
46.00 Inches	0 Feet	76 Feet
31.00 Inches	76 Feet	2325 Feet
22.00 Inches	2325 Feet	3069 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40.00	262.83	.625	0	76
24.00	94.62	.375	0	410
24.00	110.09	.4375	410	490

Perforations:
Type of perforation Louvered
Size of perforation .125
From 169 feet to 209 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 157' ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 160' to 2282' ☐ Pumped ☒ Poured
Type: 3/4 SRI
Bentonite Chips: ☒ Yes ☐ No 157' to 160' ☐ Pumped ☒ Poured
Type: 3/8 Hole Plug

7. Water Level
Static water level: feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 122 °F
Quality: Fair

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
311.0	NA	1.0

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 2233
Signed
By driller performing actual drilling on site or contractor
Date 18-Mar-2009

STATE OF NEVADA

DIVISION OF WATER RESOURCES

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NOTICE OF INTENT NO. 63056

1. OWNER Barrick Golstrike Mine BW-44
MAILING ADDRESS P.O. Box 29 Page 2
Elko, NV 89803

ADDRESS AT WELL LOCATION Barrick Goldstrike Mine, north of Carlin, NV
Subdivision Name: County: Eureka

2. LOCATION NW¼SE¼ Sec13T36N/ R49E
PERMIT/WAIVER NO. 76828 (Issued by Water Resources) NA (Parcel. No.)

Latitude
Longitude
UTM E 551937 ☒ NAD 27
N 4538400 ☐ 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

Date started: , 20
Date completed: , 20

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)

9. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased 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)
24.00	94.62	.375	490	530
24.00	110.09	.4375	530	810
24.00	94362	.375	810	850

Perforations:
Type of perforation Louvered
Size of perforation .125
From 490 feet to 530 feet
From 810 feet to 850 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:

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 2233
Signed
By driller performing actual drilling on site or contractor
Date 18-Mar-09

2009 JAN 14 AM 11:25

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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STATE OF NEVADA

DIVISION OF WATER RESOURCES

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NOTICE OF INTENT NO. 63056

1. OWNER Barrick Golstrike Mine BW-44
MAILING ADDRESS P.O. Box 29 Page 3
Elko, NV 89803

ADDRESS AT WELL LOCATION Barrick Goldstrike Mine, north of Carlin, NV
Subdivision Name: County: Eureka

2. LOCATION NW¼SE¼ Sec13T36N/ R49E
PERMIT/WAIVER NO. 76828 (Issued by Water Resources) NA (Parcel. No.)

Latitude
Longitude
UTM E 551937 ☒ NAD 27
N 4538400 ☐ 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

Date started: , 20
Date completed: , 20

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)

9. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased 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)
24.00	110.09	.4375	850	1131
24.00	94.62	.375	1131	1171
24.00	110.09	.4375	1171	1451

Perforations:
Type of perforation
Size of perforation
From 1131 feet to 1171 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:

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 2233
Signed
By driller performing actual drilling on site or contractor
Date 18-Mar-09

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MAILING ADDRESS P.O. Box 29 Page 4
Elko, NV 89803

ADDRESS AT WELL LOCATION Barrick Goldstrike Mine, north of Carlin, NV
Subdivision Name: County: Eureka

2. LOCATION NW¼SE¼ Sec13T36N/ R49E
PERMIT/WAIVER NO. 76828 (Issued by Water Resources) NA (Parcel. No.)

Latitude
Longitude
UTM E 551937 ☒ NAD 27
N 4538400 ☐ 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

Date started: , 20
Date completed: , 20

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)

9. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased 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)
24.00	94.62	.375	1451	1491
24.00	110.09	.4375	1491	1771
24.00	94.62	.375	1771	2295

Perforations:
Type of perforation
Size of perforation
From 1451 feet to 1491 feet
From 1771 feet to 2295 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:

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)
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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 2233
Signed
By driller performing actual drilling on site or contractor
Date 18-Mar-09

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☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

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☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other Flooded Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness

Date started: , 20
Date completed: , 20

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)

9. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased 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)
18.00	70.59	.375	2231	3072

Perforations:
Type of perforation Full Flow Louvered
Size of perforation .125
From 2231 feet to 3072 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:

10. DRILLER'S CERTIFICATION
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2010 MAR 26 AM 11:

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