

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

OFFICE USE ONLY
Log No. 109261
Permit No. _____
Basin 661 pg10f2

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

1. OWNER BARRICK GOLD STRIKE MINES INC ADDRESS AT WELL LOCATION 27 MILES N. OF CARLIN
MAILING ADDRESS P.O. BOX 29 ELKO NV 89803 NEVADA NOTICE OF INTENT NO. 64089

2. LOCATION NE 1/4 NE 1/4 Sec 29 T. 36. N. S. R 50 E Subdivision Name: _____ County: ELKO
PERMIT/WAIVER No. _____ Latitude 40° 58' 26.12" UTM E. NAD 27
Longitude 116° 20' 38.54" N NAD 83/WGS 84

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other _____

4. PROPOSED USE
 Domestic Irrigation Test Cable Rotary RVC
 Municipal/Industrial Monitor Stock Air Other SPRINK

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SAND GRAVEL MIXED WITH BRN SANDY CLAY		0.6	8.5	8.5'
SAND GRAVEL MIXED WITH BRN SANDY CLAY				
FRACTURED ROCK		8.5	12.5	4'
SANDY BRN CLAY MIXED WITH LARGER GRAVEL		12.5	36.5	24'
SANDY GRAVEL MIXED WITH LARGER GRAVEL	YES	36.5	45.5	9'
SANDY BROWN CLAY MIXED WITH FRACTURED ROCK		45.5	61.5	16'
SANDY BRN CLAY DARK WEATHERED		61.5	68	6.5'
FRACTURED ROCK		68	70.5	2.5'
REDISH BROWN SANDY CLAY (VERY DRY)		70.5	95.5	25'
DARK COLORED SANDY GRAVEL	YES	95.5	100	4.5'

WELL DRILLED AT 45° ANGLE 199.5 ANGLE 99.25 VERTICAL
40.974011°N
116.343118°W NAD 27 (10)

Date started: 11-3-09 20 09
Date completed: 11-7- 20 09

9. WELL CONSTRUCTION
Depth Drilled 199.5 45 ANGLE Depth Cased 199.5 ANGLE Feet
HOLE DIAMETER (BIT SIZE)
From 8 Inches To 1.99 Feet
Inches _____ Feet _____
Inches _____ Feet _____

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>3</u>	<u>5CH 40</u>		<u>0.6</u>	<u>199.5</u>

Perforations:
Type of perforation SLOT
Size of perforation 0.20
From 167.5 ANGLE feet to 177.5 ANGLE feet
From 69.25 VERTICAL feet to 99.25 VERT feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Annular Seal: Yes No
 Neat Cement 6.6 to 455 VERT Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 49 to 99 Pumped Poured
Type: MONTERAY 2/12
Bentonite Chips: Yes No 45 to 49 Pumped Poured
Type: _____

7. Water Level
Static water level: 93 feet below land surface
Artesian Flow: NO G.P.M. _____ P.S.I. _____
Water Temperature: _____ °F
Quality: _____

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
<u>NO TEST DONE AT THIS TIME</u>			

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name BOART LONEYEAR Contractor
Address 1333 W. 9TH ST. UPLAND CA. 91786 Contractor
Nevada contractor's license number issued by the State Contractor's Board 0010157
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2303
Signed [Signature] By driller performing actual drilling on-site or contractor
Date 11-16-09

	25'	50'	75'	100'	125'	150'	175'	200'
	Sand, Gravel Mixed with Brown Sandy Clay							
8.5'-12.5'	[REDACTED] el Mixed with Brown Sandy Clay				Mixed with Fractured Rock			
12.5'-36.5'	Sandy Brown [REDACTED] ed with Larger Gravel							
36.5'-45.5'	Sandy Gravel, up to 3' [REDACTED] Silt (Wet Zone)							
45.5'-61.5'	Sandy Brown Clay Mixed with Fra [REDACTED] k Rock							
61.5'-68'	Sandy Brown Clay							
68'-70.5'	Dark Weatherd Fractured Rock							
70.5'-95.5'	Redish Brown Sandy Clay Very Dry							
95.5'-100'	Dark Colored Sandy Gravel (Wet Zone)							

Standing Water after well completion 186' Angle 93' Vertical

Casing set at 45% Angle 198.5' angle 99.25 Vertical

Casing 3" SCH 40 PVC

Slot size .020, set at 1' 168.5' to 198.5 angle 69.25 to 99.25 Vertical 30' total

Gravel Pack Using 2/12 Monterey Sand 148' to 198.5' Angle 49.5' to 99.25' Vertical

Bentonite Chip Seal 144' to 148' Angle 45.5' to 49.5' Vertical

Neat Cement Seal 144' to G.L. Angle 45.5' to G.L. Vertical

Date Started Nov. 3Rd 2009, Finished Nov. 7th 2009