STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 121601
Permit No. 84419T
Basin 129

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. **71715**

1. OWNER **Barrick Gold Exploration, Inc. SV14-EW-1**
MAILING ADDRESS **293 Spruce Rd.**
Elko, NV. 89801

ADDRESS AT WELL LOCATION **Spring Valley**
Subdivision Name: *County:* **Pershing**

2. LOCATION **NW¼NW¼ Sec35T29N/ R34E**
PERMIT/WAIVER NO. **84419T** *Issued by Water Resources* Parcel. No.

Latitude
Longitude
UTM E **404001** ☒ NAD 27
N **4466578** ☐ 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 Rev**

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
Top soil		0	10	10
Grey, tan and red rock		10	65	55
Grey rock w/clay		65	115	50
Grey rock w/little clay		115	275	160
Grey and brown rock		275	300	25
Grey,tan and brown rock w/clay		300	495	195
Grey rock		495	515	20
Brown and tan rock		515	525	10
Grey rock		525	540	15
Grey,brown and tan rock		540	660	120
Clay w/light grey rock		660	675	15
Dark and light grey rock		675	780	105
Brown rock w/clay		780	790	10
Dark and light grey rock		790	1300	510
Grey rock w/clay		1300	1345	45
Grey rock w/little clay		1345	1400	55
NAD 27				
40.346132°N				
118.130327°W				
Gravel fill tube		0	55	55
2.375" x .154w pipe				

Date started: **November 19**, 20 **14**
Date completed: **December 12**, 20 **14**

9. *WELL CONSTRUCTION*
Depth Drilled **1400** Feet Depth Cased **1390** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	**0** Feet	**52** Feet
19 Inches	**52** Feet	**1400** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.61	.375	0	52
10.75	40.48	.365	+2	1390
2.375	3.65	.154	+2	1360

Perforations:
Type of perforation **Louvered**
Size of perforation **.125**
From **120** feet to **1380** 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 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 52 to 1400 ☐ Pumped ☒ Poured
Type: **1/4" Gravel**
Bentonite Chips: ☒ Yes ☐ No 50 to 52 ☐ Pumped ☒ Poured
Type: **3/8" Bentonite Chips**

7. *Water Level*
Static water level: **88** feet below land surface
Artesian Flow: **N/A** G.P.M. P.S.I
Water Temperature: °F
Quality: **Good**

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
385	242	2

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** (CONTRACTOR)
Address **2745 California Ave.** (CONTRACTOR)
SLC., UT. 84104
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* **2130**
Signed
By driller performing actual drilling on site or contractor
Date **December 16,2014**