LCP-47

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

OFFICE USE ONLY
Log No. 12317
Permit No.
Basin 187

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

NOTICE OF INTENT NO. 72168

1. OWNER Newmont USA LTD
MAILING ADDRESS 1655 Mtn City Hwy Elko, NV 89801

ADDRESS AT WELL LOCATION 5 miles South of I-80 Exit 378
Subdivision Name:
County: Eureka

2. LOCATION NW ¼ NE ¼ Sec 28 T 36 N/S R 66 E
PERMIT/WAIVER No.
Issued by Water Resources
Parcel No.
Latitude
Longitude
UTM E
N
☒ NAD 27
☐ 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 Sonic

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Attached				

NAD 27
40.930514°N
114.514939°W

Date started: 10/25, 20 14
Date completed: 10/29, 20 14

7. Water Level
Static water level: 220' 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	
9"	Inches	0	Feet	200	Feet
8"	Inches	200	Feet	247	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"	Sch 80	Sch 80	0	227

Perforations:
Type of perforation Factory slotted
Size of perforation .020
From 227' feet to 247' 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 217 to 223 ☐ Pumped ☒ Poured
Type: No 8 sand
Bentonite Chips: ☒ Yes ☐ No 223 to 50 ☐ Pumped ☒ Poured
Type: 3/8 bentonite chips

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Barrett Longyear Co (Contractor)
Address 605 Union Pacific Way, Elko, NV 89801 (Contractor)
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 M-2198
Signed (By driller performing actual drilling on-site or contractor)
Date 10/11/2014

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08)

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(O) 627

LCP-47

Log # 121317

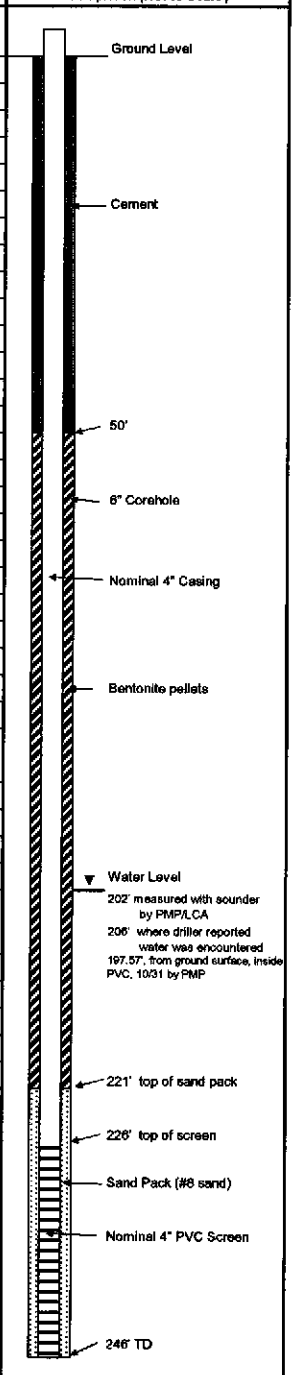
NEWMONT
NORTH AMERICA

Long Canyon Hydrogeologic Investigation
Logging and Piezometer Construction of Alluvial Testholes

Testhole	LCP-47	Contractor:	Boart-Longyear	Core Size	8 Inch	Logged by: PMP/LCA
Page	1 of	Rig:		Surface Casing Size	8 Inch	Surface Elevation: 5,895

Date	Run	From (ft)	To (ft)	Length (ft)	Depth (ft)	Surface Casing (ft)	USCS Symbol	Elevation (ft, NGVD)	Description/Comments
25-Oct	1	0.0	6.0	6.0	6.0	0.0	GM	5,889	
	2	6.0	16.0	10.0	16.0	16 (9")		5,879	
	3	16.0	26.0	10.0	26.0			5,869	
	4	26.0	30.0	4.0	30.0			5,865	
		30.0	36.0	6.0	36.0		GC	5,859	dark brown clay with water condensation in bag, stiff clay
	5	36.0	46.0	16.0	46.0		GM	5,849	
	6	46.0	56.0	10.0	56.0			5,839	
	7	56.0	64.0	8.0	64.0			5,831	
	8	64.0	70.0	6.0	70.0		GM/GC	5,825	alternating GM and GC
	9	70.0	76.0	6.0	76.0		GM	5,819	
	10	76.0	82.0	6.0	82.0			5,813	
	11	82.0	86.0	4.0	86.0			5,809	
	12	86.0	92.0	6.0	92.0			5,803	
	13	92.0	96.0	4.0	96.0			5,799	
	14	96.0	102.0	6.0	102.0	100 (9")		5,793	
27-Oct	15	102.0	106.0	4.0	106.0			5,789	
	16	106.0	116.0	10.0	116.0	110 (9")		5,779	
	17	116.0	124.0	8.0	124.0			5,771	
	18	124.0	128.0	4.0	128.0			5,767	
	19	128.0	136.0	8.0	136.0	120 (9")		5,759	
	20	136.0	138.0	2.0	138.0			5,757	
		138.0	144.0	6.0	144.0		GC	5,751	can squeeze clay into cohesive lumps
		144.0	148.0	4.0	148.0		GM	5,747	
	21	148.0	156.0	18.0	156.0	150 (9")		5,739	
	22	156.0	161.0	5.0	161.0			5,734	
		161.0	168.0	7.0	168.0		GC	5,727	can squeeze clay into cohesive lumps
	23	168.0	173.0	5.0	173.0			5,722	
		175.0	178.0	3.0	178.0	160 (9")	GM	5,719	
28-Oct	24	178.0	179.0	3.0	179.0			5,716	
		179.0	181.0	2.0	181.0		CL	5,714	with some gravel; moderately stiff
		181.0	185.0	4.0	185.0		GM	5,710	
		185.0	186.0	1.0	186.0		GC	5,709	can squeeze clay into cohesive lumps
	25	186.0	187.0	1.0	187.0			5,708	
		187.0	196.0	9.0	196.0		GM	5,699	
	26	196.0	197.0	1.0	197.0			5,698	
		197.0	205.0	8.0	205.0	200 (9")	CL	5,690	with some gravel; moderately stiff
		205.0	206.0	1.0	206.0		GM	5,689	
	27	206.0	217.0	11.0	217.0		GC	5,678	
29-Oct-14	28	217.0	227.0	10.0	227.0	210 (8")	GC	5,668	installed 8" liner to 210'
	29	227.0	237.0	10.0	237.0		CL	5,658	some gravel, stiff clay
	30	237.0	239.0	2.0	239.0		CL	5,656	
		239.0	247.5	8.5	247.5		GC	5,648	TD

Standpipe Piezometer Completion (*Not to Scale*)



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