MMW-01A

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

OFFICE USE ONLY
Log No. 108865
Permit No.
Basin Ø66

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. 33275

1. OWNER BARRICK TRJV
MAILING ADDRESS HC 66 BOX 220
GOLCONDA NV 89414

ADDRESS AT WELL LOCATION HC 66 BOX 220
28 MI. NE OF GOLCONDA NV 89414
Subdivision Name: County: Humboldt

2. LOCATION NE¼ NW¼ Sec 3 T 38 N/S R 42 E
PERMIT/WAIVER No. Issued by Water Resources Parcel No.

Latitude 41° 12' 23.06" UTM E ☑ NAD 27
Longitude 117° 13' 55.98" N ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvial cover		0'	20'	20'
Tuffaceous Mudstone (Brown)		20'	145'	125'
Mudstone and Basalt		145'	165'	20'
Mudstone		165'	255'	90'
Basalt	X	255'	260'	5'
Mudstone & Basalt	X	260'	280'	20'
Mudstone		280'	325'	45'
Granodiorite		325	345'	20'
Diabase	X	345'	360'	15'
Mudstone		360'	373'	13'
Granodiorite	X	373'	385'	12'
Black Mudstone		385'	395'	10'
Diabase		395'	400'	5'
Silicified Mudstone		400	405	5'
Basalt & Silicified Mudstone		405	410	5'
Black Mudstone		410	420	10'
Diabase		420'	435	15'
Silicified Mudstone		435	443	8'

41.206406°N
117.232217°W
NAD 27 (TA)

Date started: 9/17, 20 09
Date completed: 9/22, 20 09

9. WELL CONSTRUCTION
Depth Drilled 443 Feet Depth Cased 438.4 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 3/4	Inches	0	Feet	23	Feet
8 3/4	Inches	23	Feet	443	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5		.237	+2.25	145
4.5		.237	418.3	438.4

Perforations:
Type of perforation VERTICAL SLOTS 2" LONG 12/FT
Size of perforation .020
From 145 feet to 418.3 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 113 ☑ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☑ Yes ☐ No 127 to 443 ☐ Pumped ☑ Poured
Type: 10.20 SAND
Bentonite Chips: ☑ Yes ☐ No 113 to 127 ☐ Pumped ☑ Poured
Type: 3/8

7. Water Level
Static water level: 150.5 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)
100		6 1/2

STATE ENGINEERS OFFICE
2009 OCT -5 AM 8:53

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name LAYNE CHRISTENSEN CO.
Contractor
Address 12030 E. RIGGS RD.
Contractor
CHANDLER AZ 85249
Nevada contractor's license number issued by the State Contractor's Board 43608
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M-2215
Signed [signature]
By driller performing actual drilling on site or contractor
Date 9-26-09

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY

RECEIVED