MW-10A

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

OFFICE USE ONLY
Log No. 109082
Permit No.
Basin 066

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. 33269

1. OWNER BARRICK TRU
MAILING ADDRESS HC 66 BOX 220, 28 MILES NE OF GOLCONDA, NV 89414
ADDRESS AT WELL LOCATION HC 66 BOX 220 - 28 MILES N.E. OF GOLCONDA, NV 89414
Subdivision Name: County: HUMBOLT

2. LOCATION SE ¼ NE ¼ Sec 34 T 39 N/S R 42 E
PERMIT/WAIVER No. (Issued by Water Resources) Parcel No.
Latitude N 41°13' 3.53 Longitude W 117° 13' 26.47
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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	150	150
Granodiorite		150	270	120
Black siltstone		270	280	10
Black + Red (Feox) Siltstone		280	300	20
Orange + Red (Feox) Siltstone		300	340	40
Black + Orange (Feox) Siltstone		340	400	60
Grey Siltstone		400	500	100
Chloritized Dacite		500	600	100

41.217647°N
117.224019°W
NAD 27 (TA)

Date started: 9/22, 20 09
Date completed: 9/27/09, 20 09

7. Water Level
Static water level: 405 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: COLD °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
4		8

9. WELL CONSTRUCTION
Depth Drilled 603 Feet Depth Cased 600.10 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 3/4	Inches	0	Feet	73	Feet
8 3/4	Inches	13	Feet	603	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4½	10.8	.237	+2.5	400.55
4½	10.8	.237	589.95	600.1

Perforations:
Type of perforation VERTICAL SLOTS 2" x 16/FT
Size of perforation .020
From 400.55 feet to 589.95 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 370 ☑ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☑ Yes ☐ No 385 to 603 ☐ Pumped ☑ Poured
Type: 10-20 SAND
Bentonite Chips: ☑ Yes ☐ No 370 to 385 ☐ Pumped ☑ Poured
Type: 3/8

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 (By driller performing actual drilling on site or contractor)
Date 10/07/09

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(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY