

Well # NZ-MW-01

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

OFFICE USE ONLY 109800
Log No. _____
Permit No. 666
Basin _____

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. 33266

1. OWNER BARRICK ADDRESS AT WELL LOCATION HCGG BOX 220, 28 MILES NE OF GOLCONDA, NV 89414
MAILING ADDRESS HCGG BOX 220, 28 MILES NE OF GOLCONDA, NV 89414 Subdivision Name: _____ County: HUMBOLDT
2. LOCATION SE 1/4 NE 1/4 Sec 21 T39 N SR 42 E Latitude N41° 14' 45.74" N UTM E NAD 27
PERMIT/WAIVER No. _____ Longitude W117° 14' 30.60" W 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
Aluminum siltstone		0	15	15
granodiorite siltstone		15	615	600
siltstone		615	627	12
clay		627	630	3
siltstone		630	660	30
Marble		660	955	295
siltstone and Marble		955	960	5
		960	1000	40

2010 JUN -4 21:20

41.246039° N
117.241833° W
NAD 27 (72)

9. WELL CONSTRUCTION

Depth Drilled 1000 Feet Depth Cased 924.2 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	Feet	To	Feet
<u>12 3/4</u>	0		<u>33</u>	
<u>8 3/4</u>	<u>33</u>		<u>1000</u>	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4 1/2</u>	<u>10.8</u>	<u>.227</u>	<u>0</u>	<u>924.2</u>

Perforations:

Type of perforation 2" LONG VERTICAL SLOTS 16/FT
Size of perforation 0.20

From 671.76 feet to 924.2 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement 0 to 635 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 660 to 924.2 Pumped Poured
Type: 10-20 SAND

Bentonite Chips: Yes No 635 to 660 Pumped Poured
Type: 3/8 (and 924 to 1000)

7. Water Level
Static water level: 726.5 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: 60.0 °F
Quality: _____

8. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>20</u>		<u>20</u>

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.
Address 12030 E. RIGGS RD. CHANDLER ARIZ 85249
Nevada contractor's license number 43608
issued by the State Contractor's Board
Nevada driller's license number issued by the M-2215
Division of Water Resources, the on-site driller
Signed [Signature]
By driller performing actual drilling on site or contractor
Date 11-17-69