

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

OFFICE USE ONLY
Log No. 109565
Permit No. _____
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**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. 62494

1. OWNER Atlantic Richfield Company (Roy Thun) ADDRESS AT WELL LOCATION Anaconda Mine
MAILING ADDRESS 6 Centerpointe Ave Yerington, NV
La Palma, CA 90623 Subdivision Name: _____ County: LYON

2. LOCATION NE 1/4 NE 1/4 Sec 5 T 13N N/S R 25 E Latitude 39.02368°N UTM E UAD 27
PERMIT/WAIVER No. 014-401-14 Longitude 119.20415°W N NAD 83/WGS 84

Issued by Water Resources Parcel No. _____

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	Thick-ness
No Recovery		0	6	6
Silty sand		6	8	2
No Recovery		8	12	4
Sandy lean clay		12	13	1
Poorly graded sand		13	14	1
Silty sand		14	16	2
Well graded sand		16	18.5	3
Silty sand		18.5	22	4
Silty sand		19.5	22	3
Clayey sand		22	24	2
Poorly graded sand		24	25.5	2
Well graded sand		25.5	30	5
Clayey sand		30	31	1
Lean clay		31	44	13
Clayey sand		44	48	4
Lean clay		48	55	7
Well graded sand		55	60	5
Sandy clay		60	66	6
Silty sand		66	74	8
Clayey sand		74	76	2
Well graded sand		76	78	2
Clayey sand		78	80	2
Well graded sand		80	84	4
Lean clay		84	88	
Well graded sand		88	89	1
Poorly graded sand w/silty		89	90.5	2

9. WELL CONSTRUCTION

Depth Drilled 108 Feet Depth Cased 95 Feet

HOLE DIAMETER (BIT SIZE)

From	To
6 Inches	0 Feet 108 Feet
Inches	Feet Feet
Inches	Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		Sch 40	0	95

Perforations:

Type of perforation	Slot Screen
Size of perforation	<u>020</u>
From <u>85</u>	feet to <u>95</u> feet
From _____	feet to _____ feet
From _____	feet to _____ feet
From _____	feet to _____ feet
From _____	feet to _____ feet

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	<u>0</u> to <u>79</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack: Yes No 82 to 97 Pumped Poured
Type: #3 Sand

Bentonite Chips: Yes No 97 to 108 Pumped Poured
Type: 3/8" Chips 7882

7. Water Level
Static water level: 20.31 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ °F
Quality: _____

8. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>39.023763°N</u>		
<u>119.203163°W</u>		
<u>NAD 83 (10)</u>		

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Cascade Drilling, Inc Contractor
Address 3632 Omeck Circe Contractor
Rancho Cordova, CA 95742

Nevada contractor's license number issued by the State Contractor's Board: 623-51207-73966

Nevada driller's license number issued by the Division of Water Resources, the on-site driller: M1909

Signed Rodney Lubinski
By driller performing actual drilling on site or contractor
Date 3-4-09

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY

