

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

OFFICE USE ONLY

Log No. 109564
Permit No. _____
Basin 1708

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. 62488

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 NW 1/4 NW 1/4 Sec 5 T 13N N/S R 25 E Latitude 39.02497 UTM E NAD 27
PERMIT/WAIVER No. 014-401-14 Longitude 119.21581 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 Cable Rotary RVC
 Municipal/Industrial Monitor Stock Air Other Sonic

5. WELL TYPE

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
No Recovery		0	6	6
Silty sand		6	9	3
Silty sand		9	12	3
Poorly graded sand		12	13	1
Silty sand		13	14.5	2
Well graded sand		14.5	18	4
No Recovery		18	20	2
Clayey sand		20	22	2
Sandy lean clay		22	23	1
Silty sand		23	27	4
Silty sand		27	32	5
Poorly graded sand		32	33.5	2
Well graded sand		33.5	35.5	2
Silty sand		35.5	40	5
Well graded sand		40	41	1
Silty sand		41	45	4
Poorly graded sand		45	50	5
Silty sand		50	55	5
Sandy lean clay		55	58	3

39.025053° N
119.214822° W
NAD 27 (17)

9. WELL CONSTRUCTION

Depth Drilled 58 Feet Depth Cased 39 Feet

HOLE DIAMETER (BIT SIZE)

From	To	From	To
<u>6</u> Inches	<u>0</u> Feet	<u>48</u> Feet	<u>48</u> Feet
<u>4.5</u> Inches	<u>48</u> Feet	<u>58</u> Feet	<u>58</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/FT (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2</u>		<u>Sch 40</u>	<u>0</u>	<u>39</u>

Perforations:

Type of perforation Slot Screen
Size of perforation .020

From	To	From	To
<u>29</u> feet	<u>39</u> feet		

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	<u>0</u> to <u>25</u>	<input type="checkbox"/> Pumped	<input checked="" 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 42 to 27 Pumped Poured
Type: #3 Sand

Bentonite Chips: Yes No 42 to 58 Pumped Poured
Type: 3/8" Chips 27-25

7. Water Level

Static water level: 39.62 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)

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 Omec Circe Contractor
Rancho Cordova, CA 95742

Nevada contractor's license number 623-51207-739160
issued by the State Contractor's Board

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

Signed Roddy Lubner
By driller performing actual drilling on site or contractor

Date 2-26-09