

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

OFFICE USE ONLY  
Log No. 109570

Permit No. \_\_\_\_\_  
Basin 148

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. 62489

1. OWNER Atlantic Richfield Company (Roy Thun)  
MAILING ADDRESS 6 Centerpointe Ave  
La Palma, CA 90623

ADDRESS AT WELL LOCATION Anaconda Mine  
Yerington, NV  
Subdivision Name: \_\_\_\_\_ County: Lyon

2. LOCATION NW 1/4 NW 1/4 Sec 5 T 13N N/S R 25 E  
PERMIT/WAIVER No. 014-401-14  
Issued by Water Resources Parcel No. \_\_\_\_\_

Latitude 39.02362°N UTM E  NAD 27  
Longitude 119.21584°W 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 Sonic

LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
No Recovery		0	6	6
Silty sand		6	15	9
Poorly graded sand with silt		15	15.5	1
Silty sand		15.5	17	2
Sand		17	19	2
Clayey sand		19	21	2
Poorly graded sand		21	24	3
Clayey sand		24	27.5	4
Poorly graded sand		27.5	29	2
Silty sand		29	32	3
Clayey sand		32	37	5
Clayey sand		37	38	1
Poorly graded sand		38	40.5	3
Silty sand		40.5	44	4
Poorly graded sand		44	46.5	3
Silty sand		46.5	49	3
Poorly graded sand		49	50	1
Silty sand		50	53	3
Clayey sand		53	60	7
Sandy lean clay		60	62	2
Clayey sand		62	66	4

WELL CONSTRUCTION				
Depth Drilled	66	Feet	Depth Cased	45
HOLE DIAMETER (BIT SIZE)				
	From		To	
6	Inches	0	Feet	58
4.5	Inches	58	Feet	66
	Inches		Feet	

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		Sch 40	0	45

Perforations:	
Type of perforation	Slot Screen
Size of perforation	<u>020</u>
From <u>35</u>	feet to <u>45</u> feet
From _____	feet to _____ feet
From _____	feet to _____ feet
From _____	feet to _____ feet
From _____	feet to _____ feet

Annular Seal:	
Material	Method
<input checked="" type="checkbox"/> Neat Cement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Cement Grout	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>33</u> to <u>48</u> <input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type:	<u>#3 Sand</u>
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>48</u> to <u>66</u> <input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type:	<u>3/8" Chips 33-30</u>

Date started 26-Feb, 20 09  
Date completed: 26-Feb, 20 09

7. Water Level  
Static water level: 39.62 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: \_\_\_\_\_ °F  
Quality: \_\_\_\_\_

WELL TEST DATA			
TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

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 Circle Contractor  
Rancho Cordova, CA 95742  
Nevada contractor's license number issued by the State Contractor's Board 623-51207 739166  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1909  
Signed Robert Labarre  
By driller performing actual drilling on site or contractor  
Date 2-26-09