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

OFFICE USE ONLY
Log No. 109568
Permit No.
Basin 108

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. 62491

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 NE ¼ NW ¼ Sec 5 T 13N N/S R 25 E
PERMIT/WAIVER No. 014-401-14
Issued by Water Resources Parcel No.

Latitude 39.02567 °N UTM E ☐ NAD 27
Longitude 119.21209 °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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
No Recovery		0	6	6
Sand poorly graded		6	9.5	4
Clayey sand		9.5	10	1
Well graded sand		10	14	4
Clayey sand		14	18	4
Poorly graded sand		18	21	3
Clayey sand		21	26	5
Lean clay w/ sand		26	28	2
Poorly graded sand		28	31	3
Clayey sand		31	32	1
Well graded sand		32	40	8
Silty sand		40	45.5	6
Clayey sand		45.5	46	1
Well graded sand		46	49	3
Clayey sand		49	53	4
Sandy lean clay		53	55.5	3
Clayey sand		55.5	62	7
Well graded sand		62	65	3
Clayey sand		65	69.5	5
Well graded sand		69.5	73.5	4
Lean clay		73.5	82	9
Well graded sand		82	92	10
Silty sand		92	94	2
Clayey sand		94	98	
Sandy lean clay		98	104	
Clayey sand		104	106	2

Date started: 2/28 , 20 09
Date completed: 3/1 , 20 09

9. WELL CONSTRUCTION
Depth Drilled 106 Feet Depth Cased ~~20~~ 96 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	98	Feet
4.5	Inches	98	Feet	106	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		Sch 40	0	96

Perforations:
Type of perforation Slot Screen
Size of perforation .020
From 86 feet to 96 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 80 ☑ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☑ Yes ☐ No 83 to 98 ☐ Pumped ☑ Poured
Type: #3 Sand
Bentonite Chips: ☑ Yes ☐ No 98 to 106 ☐ Pumped ☑ Poured
Type: 3/8" Chips 80-83

7. Water Level
Static water level: 25.57 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
39.0257	53°N		
119.211	102°W		
NAD 27	TN		

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 Cirlce
Contractor
Rancho Cordova, CA 95742
Nevada contractor's license number issued by the State Contractor's Board ~~C23-51267~~ 73966
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1909
Signed Rodney L. Bryson
By driller performing actual drilling on site or contractor
Date 3-1-09

(Rev. 05-05)

USE ADDITIONAL SHEETS IF NECESSARY