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

OFFICE USE ONLY
Log No. 113554
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. 63824

1. OWNER Jack Oman - Atlantic Richfield Company
MAILING ADDRESS 4 Centerpointe Drive
La Palma, CA 90623

ADDRESS AT WELL LOCATION Yerrington Mine Site & surrounding area
Subdivision Name: B/W-38RB County: Lyon

2. LOCATION SE¼ SE ¼ Sec 4 T 13 N/S R 25 E
PERMIT/WAIVER No. EPA 9-2007-0085 Issued by Water Resources
Parcel No.

Latitude 39.01417
Longitude 119.18257
UTM E
N
[X] NAD 27
[ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [X] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [ ] RVC
[ ] Air [X] Other SONIC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Lithology Log Attached				

Date started: 8-Oct, 20 10
Date completed: 15-Dec, 20 10

7. Water Level
Static water level: 30 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)

9. WELL CONSTRUCTION
Depth Drilled 267 Feet Depth Cased 265 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6.5	Inches	0	Feet	267	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		SCHD 40 PVC	+3	265

Perforations:
Type of perforation PVC SCREEN
Size of perforation .020
From 245 feet to 265 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 0 to 10 [X] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[X] ≥30% Bentonite Grout 10 to 240 [X] Pumped [ ] Poured
Gravel Pack: [X] Yes [ ] No 243 to 267 [ ] Pumped [X] Poured
Type: Monterey #3
Bentonite Chips: [X] Yes [ ] No 240 to 243 [ ] Pumped [X] Poured
Type: bottom hole - 3/4" - 3/8" Hole Plug

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Boart Longyear (Contractor)
Address 3936 Railroad Avenue (Contractor)
Yuba City, CA 95991
Nevada contractor's license number issued by the *State Contractor's Board* 0021976
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2234
Signed (By driller performing actual drilling on site or contractor)
Date 4-1-11

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2011 APR -4 AM 9:55
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(Rev. 05-06)

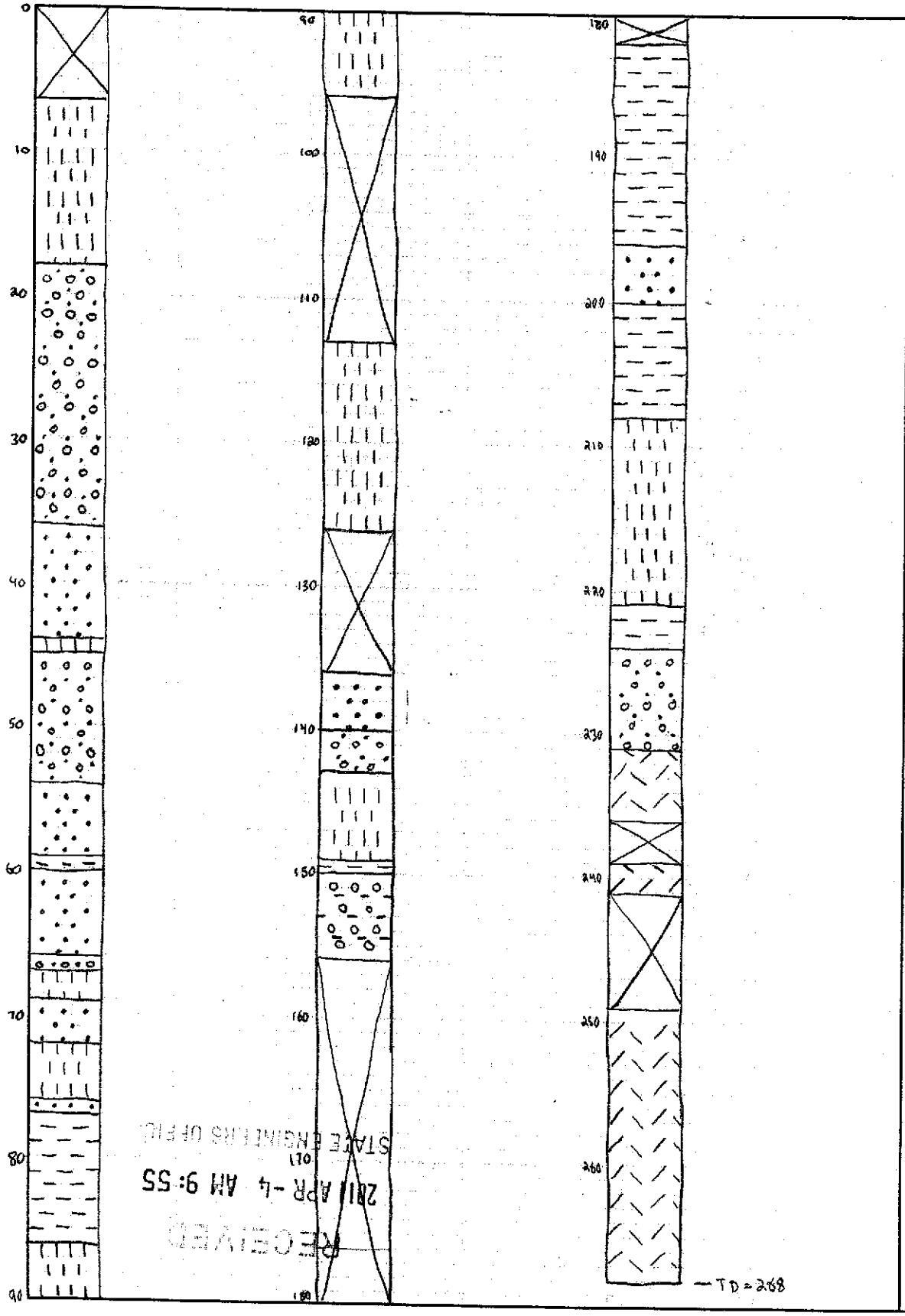
USE ADDITIONAL SHEETS IF NECESSARY

2 of 2 #113554

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		138553	Ryan Schaefer	9/24/10 - 10/6/10		1 / 1

Project	Subject
Yerington Mine Site 2010 monitoring plan	B/W-38R Generalized lithologic log



References/Notes

Legend

= sands ≤ 15% fines

= sands > 15% fines

= > 50% fines

= Gravels

= no recovery

= weathered bedrock

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#1590-1/10" sq.