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

OFFICE USE ONLY
Log No. 112153
Permit No.
Basin: 108 1/2

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: WELL # B/W - 611 County: Lyon

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

Latitude 119.19446 °W
Longitude 39.02272 °N
UTM E N
☐ NAD 27 ☒ 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
Lithology Log Attached				
NAD-27 GPS				
39.022802°N				
119.193473°W				

Date started: 9-9 September, 20 10
Date completed: 9-11, 20 10

9. WELL CONSTRUCTION
Depth Drilled 134 Feet Depth Cased 130 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6.5	inches	0	Feet	134	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	110

Perforations:
Type of perforation pvc screen
Size of perforation .020
From 110 feet to 130 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 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 108 to 134 ☐ Pumped ☒ Poured
Type: Monterey #3
Bentonite Chips: ☒ Yes ☐ No 50 to 108 ☐ Pumped ☒ Poured
Type: bottom hole - 3/4" - 3/8" Hole Plug

7. Water Level
Static water level: 55 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)

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* 2404-M
Signed (By driller performing actual drilling on site or contractor)
Date 10/22/10

(Rev. 06-03)

USE ADDITIONAL SHEETS IF NECESSARY

BROWN AND CALDWELL

Log# 112153

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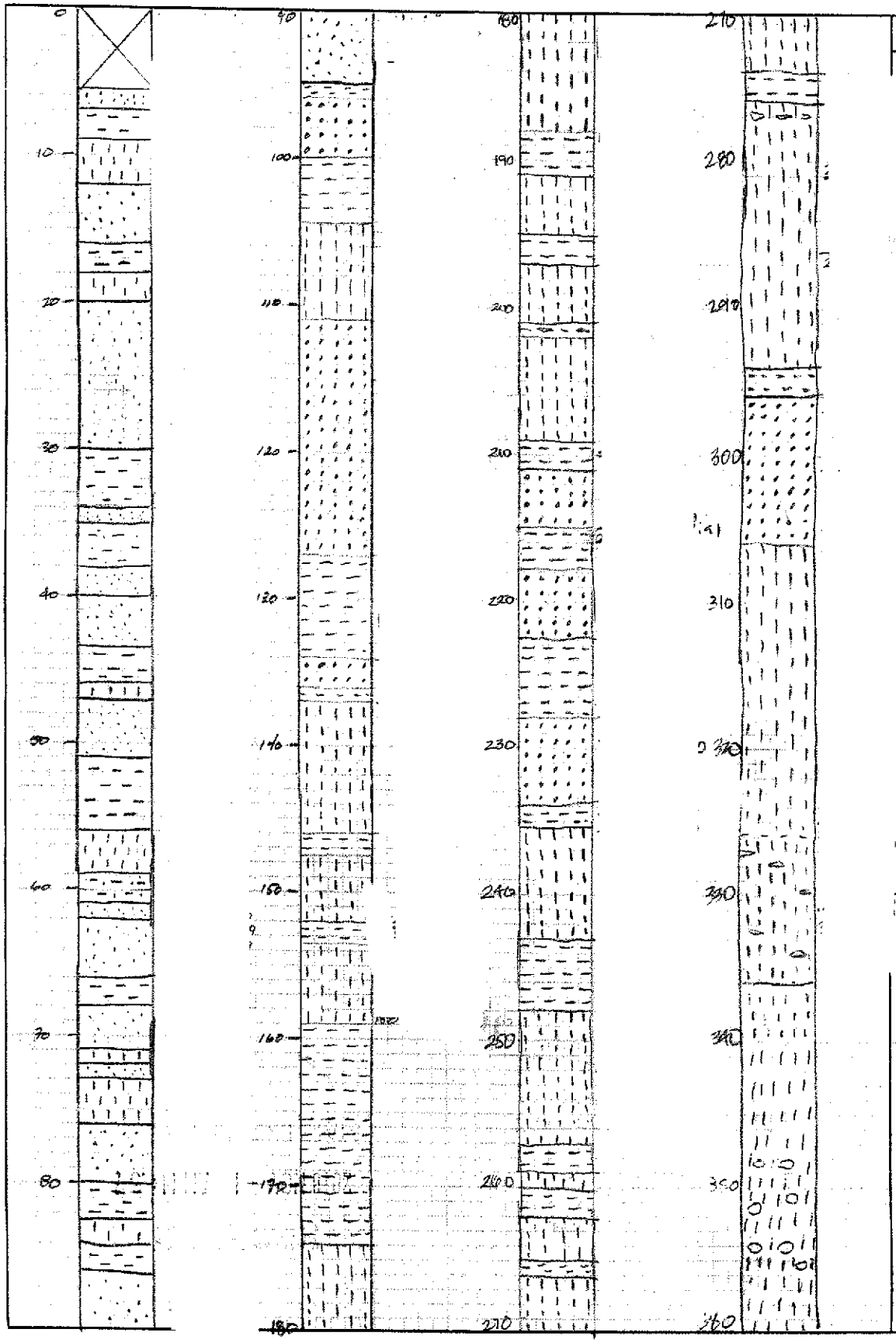
Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
			CJS/AMB	5/9/2010		1

Project	Subject
2010 NEW MONITORING WELL AND AGRICULTURAL FIELDS PROGRAM	B/W-61 GENERALIZED LITHOLOGY LOG



References/Notes

[redacted]

110-130

LEGEND

= SANDS

= > 50% FINES (CL)

= 15-50% FINES (SM OR SC)

= NO RECOVERY

= WITH GRAVEL

VERTICAL SCALE = 1" = 10'

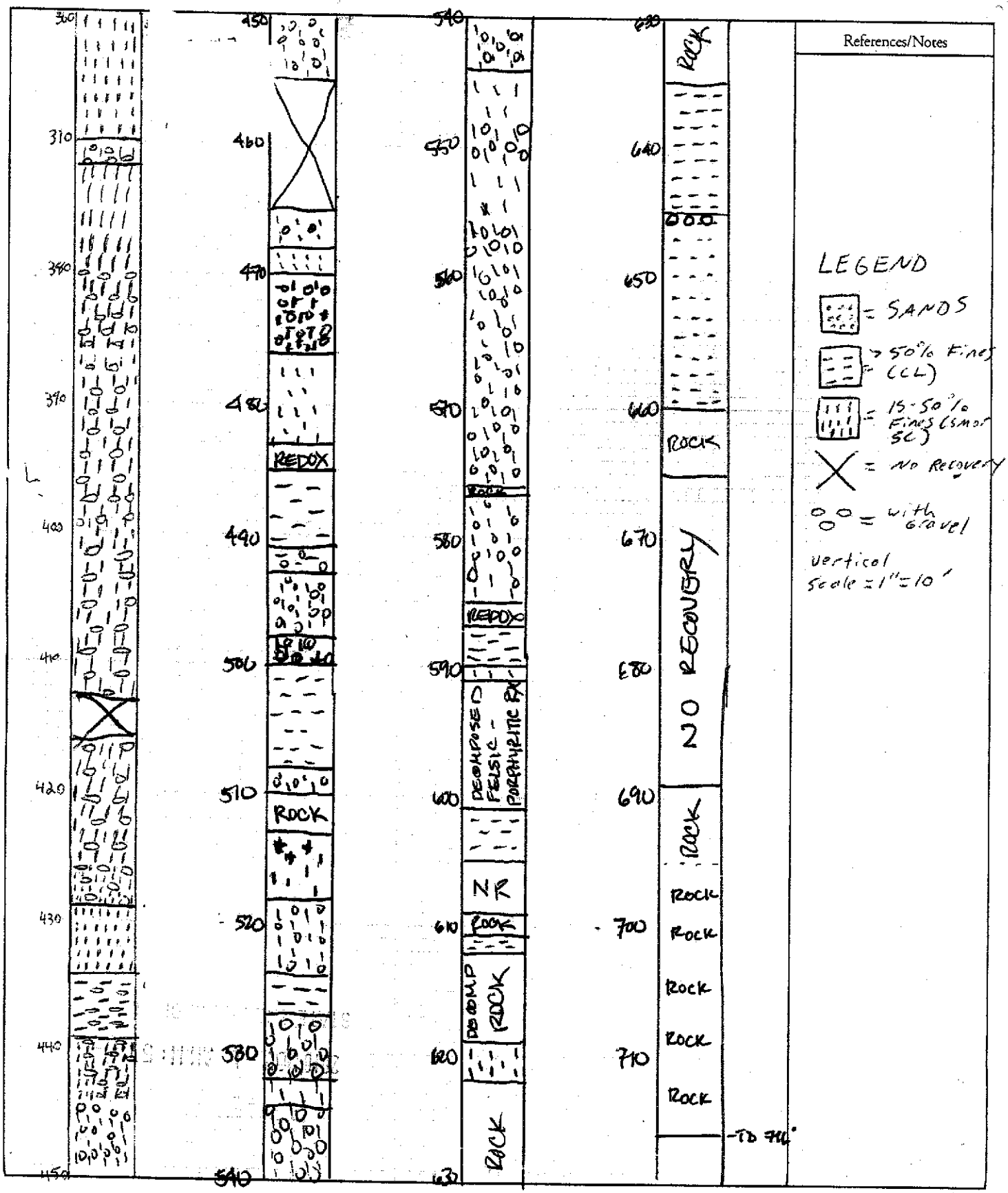
#1590-1/10" sq.

BROWN AND CALDWELL

L09#112153 3/3

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
			JRR	5/9/10 -		2

Project	Subject
2010 New Monitoring Well and Agricultural Field's Program	B/W-61 Generalized Lithology Log



#1590-1/10" sq.