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

OFFICE USE ONLY
Log No. 112154
Permit No. —
Basin 108 1/3

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 - 61 B County: Lyon

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

Latitude 119.19444 UTM E ☐ NAD 27
Longitude 39.02267 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
Lithology Log Attached				
NAD-27 GPS				
39.022752°N				
119.193453°W				

Date started: 5-9, 20 10
Date completed: 7-25, 20 10

7. Water Level
Static water level: 27 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 717 Feet Depth Cased 693 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9	Inches	0	Feet	200	Feet
8	Inches	200	Feet	550	Feet
6.5	Inches	550	Feet	717	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.5		schd 80	+3	673

Perforations:
Type of perforation stainless steel wire wrap
Size of perforation .020
From 673 feet to 693 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 100 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ >30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 671 to 695 ☐ Pumped ☒ Poured
Type Monterey #3
Bentonite Chips: ☒ Yes ☐ No 360 to 671 ☐ Pumped ☒ Poured
Type: 695 - 717 bottom hole - 3/4" - 3/6" 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* 2404-11
Signed (By driller performing actual drilling on site or contractor)
Date 10/22/10

USE ADDITIONAL SHEETS IF NECESSARY

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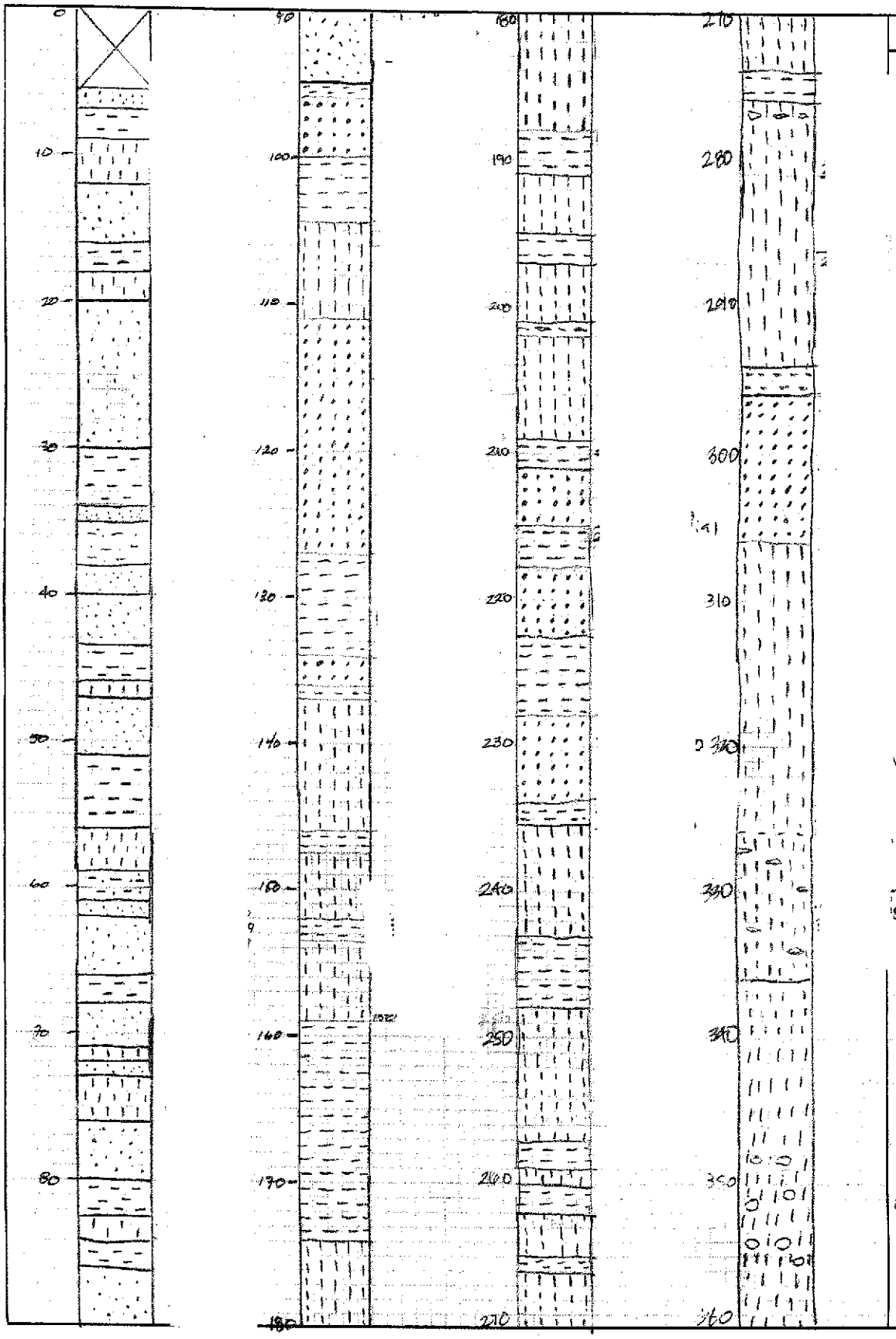
BROWN AND CALDWELL

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]

673-693

EXTRA

LEGEND

= SANDS

= > 50% FINES (GW)

= 15-50% FINES (SM & SC)

= NO RECOVERY

= WITH GRAVEL

VERTICAL SCALE = 1" = 10'

#1590-1/10" sq.

BROWN AND CALDWELL

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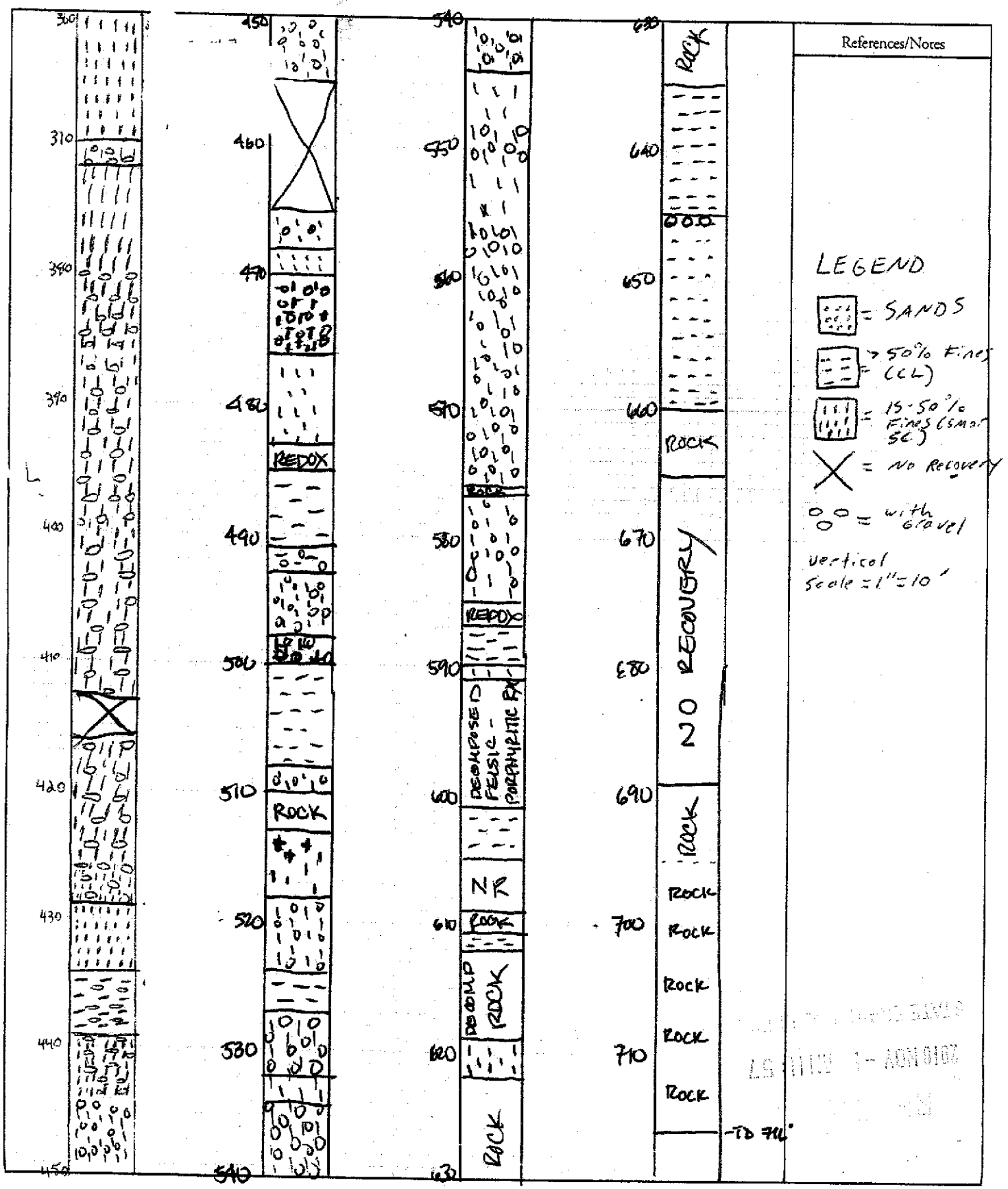
Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
			JRR	5/9/10		2

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



#1590-1/10" sq.