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

OFFICE USE ONLY
Log No. 123094
Permit No.
Basin No. 108

PRINT OR TYPE IN BLACK INK 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. 69567
WELL NAME (If applicable): ~~BW-63-08~~

1. OWNER/CLIENT NAME Atlantic Richfield Company.
MAILING ADDRESS 4 Centerpointe Dr. La palma, CA 90623

DETAILED ADDRESS AT WELL LOCATION Verington Mine site BW/63I and surrounding areas.
Subdivision Name: County: Lyon

2. PLS LOCATION SW ¼ SE ¼ 28 Sec 14 N/S 25 E
PERMIT/WAIVER NO. MO-2000 A (Issued by Water Resources) 014-241-08 (Current Parcel No.)

Latitude 119.18692837 UTM E ☐ NAD 27
Longitude 39.0426814 UTM N ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☒ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☐ Rotary ☐ RVC
☐ Air ☐ Mud ☒ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
See Attached Form					
NAD 27					
39.042763°N					
119.185941°W					

Date started: August-3, 20 15
Date completed: August-4, 20 15

9. WELL CONSTRUCTION
Depth Drilled: 357' Feet Depth Cased: 357' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
7"	Inches	0	Feet	357'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.5	Sch 80	PVC	0	335

PERFORATIONS:
Type of perforation: factory cut
Size of perforation: 0.20
From 335 Feet To 355' Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to		
☐ Neat Cement		to	☐ Pumped	☐ Poured
☐ Cement Grout	0	to 100	☒ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☐ Bentonite Chips	330	to 333	☐ Pumped	☒ Poured
☐ Bentonite Grout	100	to 330	☒ Pumped	☐ Poured
☐ 15 % ☒ 20 % ☐ Other, explain:				
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☐ Sand Pack [< 0.2 in.]	333'	to 357'	☐ Pumped	☒ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 27 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: ° Fahrenheit
Water Quality:

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Cascade Drilling LP. (Contractor)
Address 1333 W 9th street Upland CA 90786 (Contractor)
Nevada contractor's license number as issued by the State Contractor's Board: 73966
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 2475 LTD
Signed: [signature] By driller performing actual drilling on site or contractor
Date: August-4-2015

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(Rev. 08-12)
USE ADDITIONAL SHEETS IF NECESSARY
(NSPO Rev 11-12) (O) 627

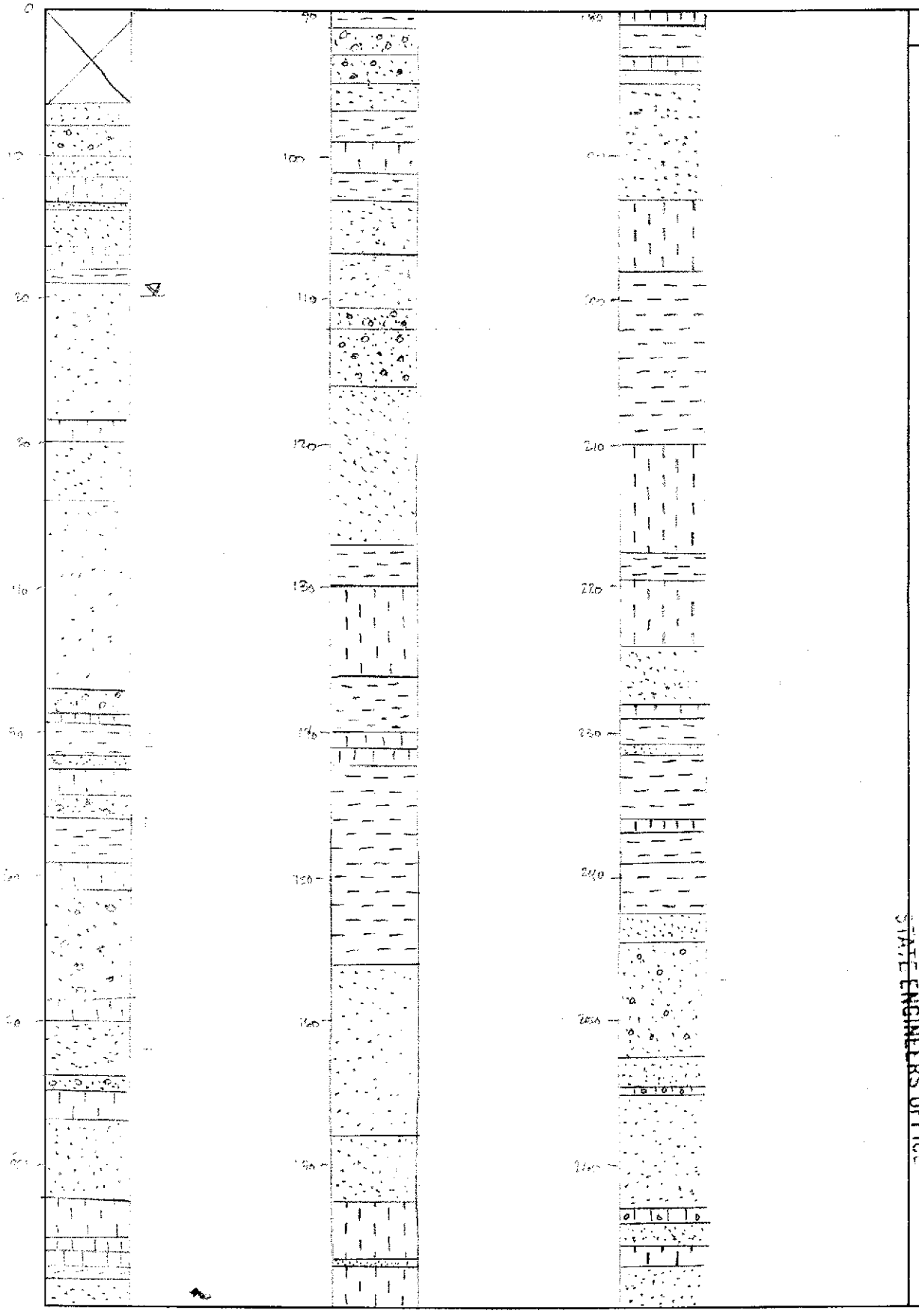
109 # 123094

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		145984	C. [illegible]	6/11/2015		1

Project	Subject
Additional Monitor Well Installation	[illegible] Generalized Lithologic Log

4350 ft AMSL



References/Notes

Legend

= No Recovery

= <15% Fines Sand SP or SW

= 15% 50% Fines SM or SC

= ≥ 50% Fines CL, CH, ML

= Bedrock

= Well Gravel

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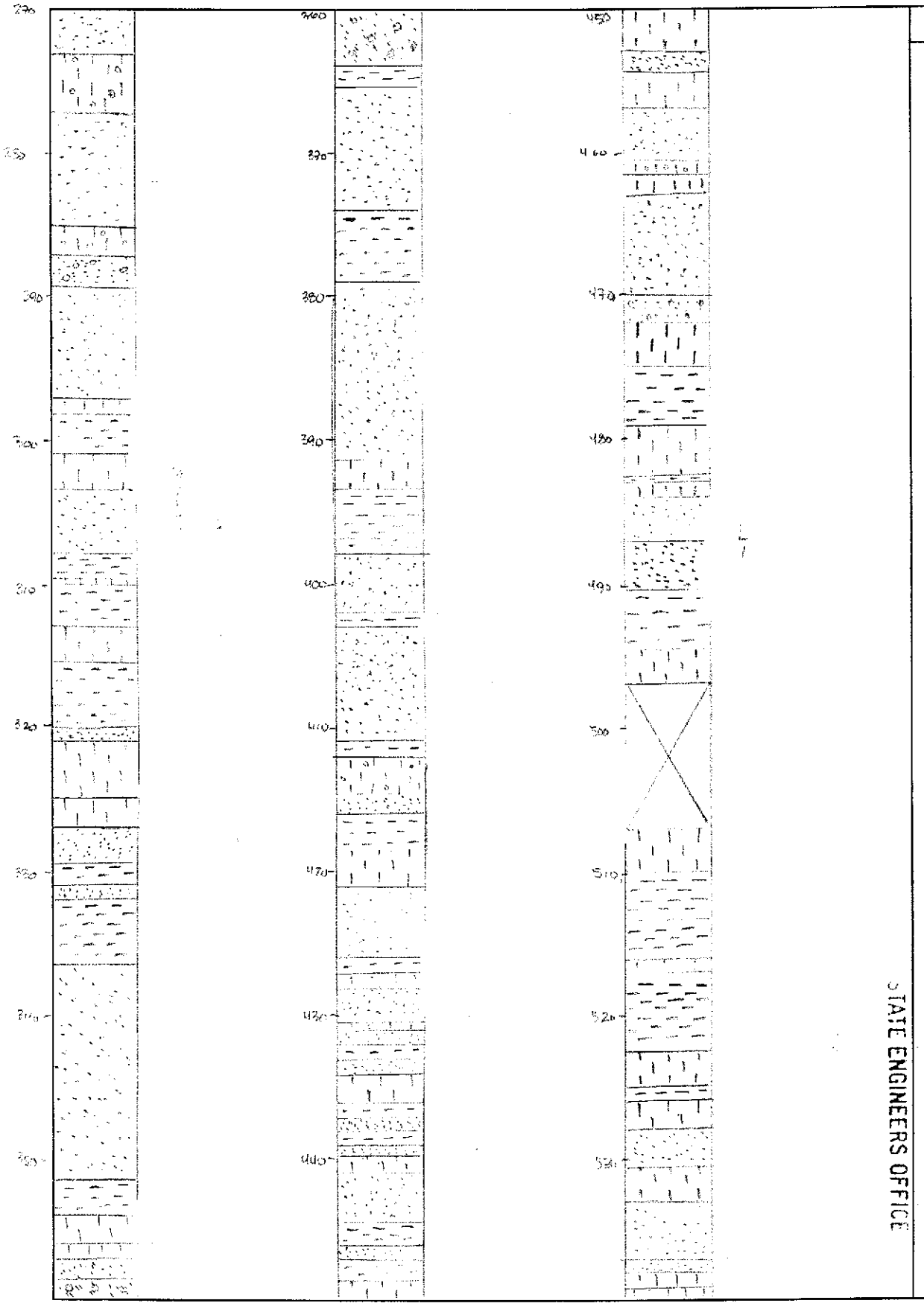
BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		145984	C. STRAUSS	6/11/15		2

Project	Subject
ADDITIONAL MONITOR WELL INSTALLATION	B/W-63 GENERALIZED LITHOLOGY LOG

~4350 FT AMSL



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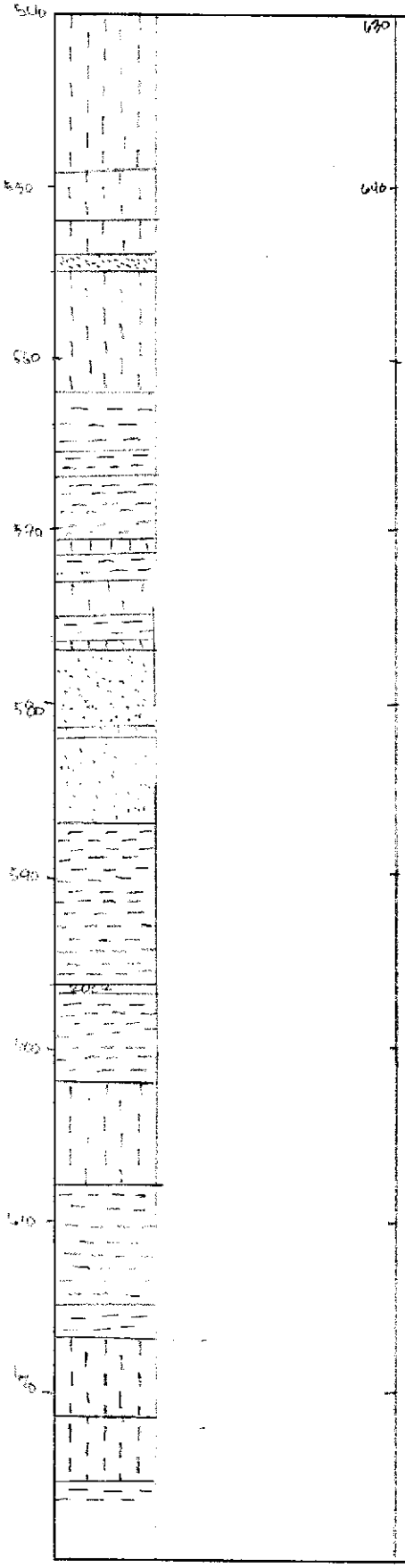
BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		145984	C. STRAUSS			3

Project	Subject
ADDITIONAL MW INSTALLATION	B/W-63 GENERALIZED [illegible]

1/8:50 [illegible]



References/Notes

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