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

OFFICE USE ONLY
Log No. 123097
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)*: ~~[illegible]~~ B/W-63D2

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

DETAILED ADDRESS AT WELL LOCATION Yerington Mine site.
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 119.18689317 UTM E ☐ NAD 27
Longitude 39.04268132 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.

NAD27
39.042763°N
119.185906°W

Date started: August 7, 20 15
Date completed: August 7, 20 15

9. WELL CONSTRUCTION
Depth Drilled: 87' Feet Depth Cased: 87' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6"	Inches	0	Feet	87'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"	Sch 40	PVC	0	85'

PERFORATIONS:
Type of perforation: 0.20
Size of perforation: factory cut.
From 65 Feet To 85' Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to		
☐ Neat Cement		to	☐ Pumped	☐ Poured
☐ Cement Grout	0	to 60	☒ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☐ Bentonite Chips	60	to 63	☐ Pumped	☒ Poured
☐ Bentonite Grout		to	☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain:				
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	63	to 87'	☐ Pumped	☒ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 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 4th Street Upland 91786. *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 7 2015

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

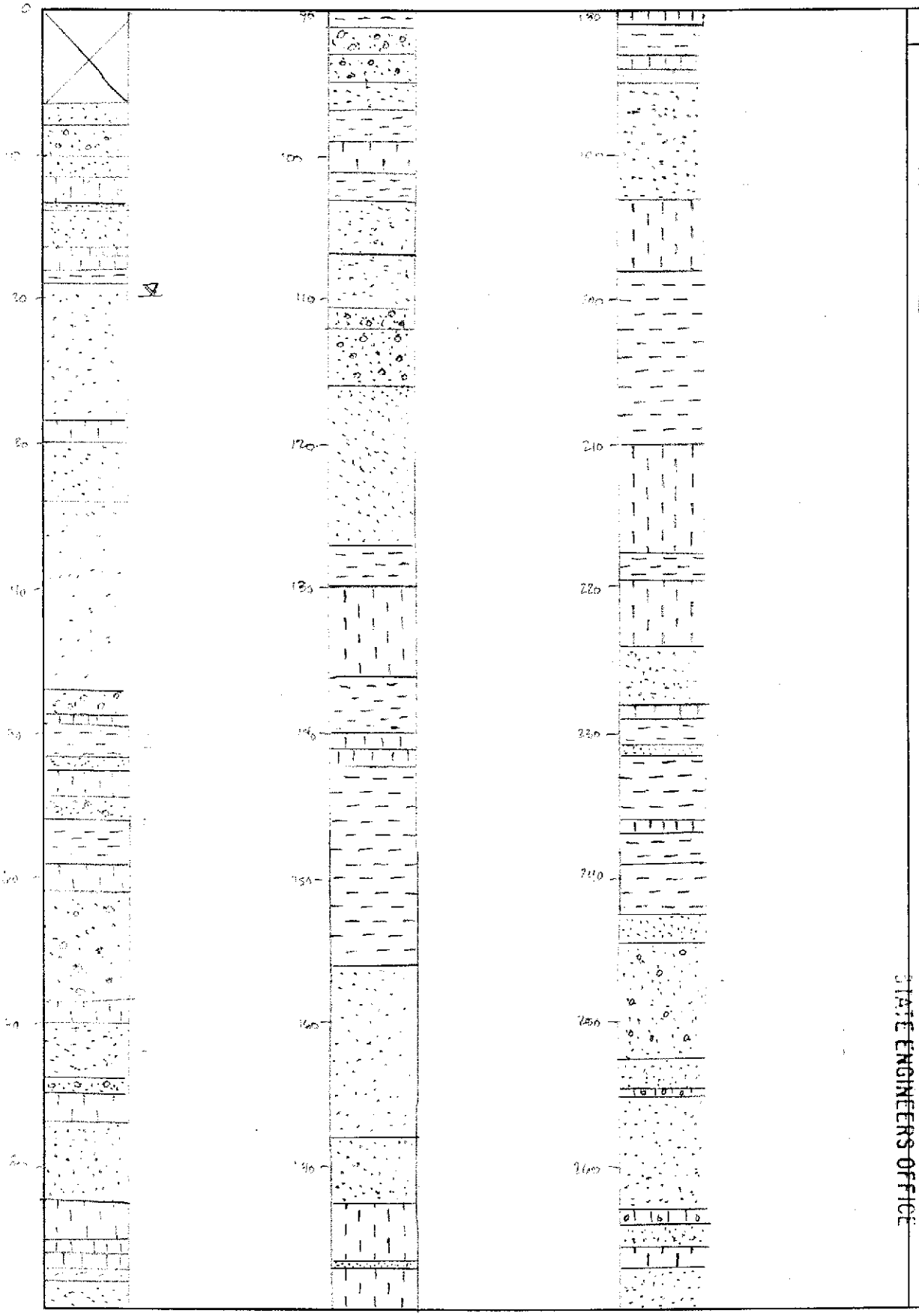
109 # 123097

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		145484	C. Strauss	6/11/2015		1

Project	Subject
Additional Monitor Well Installation	B/W-63 Generalized Lithologic Log

4350 ft AMSL



References/Notes

Legend

= No Recovery

= <15% fines Sand SP or CW

= 15% - 50% fines SM or SC

= ≥ 50% fines CL, CH, ML

= Bedrock

= Well Gravel

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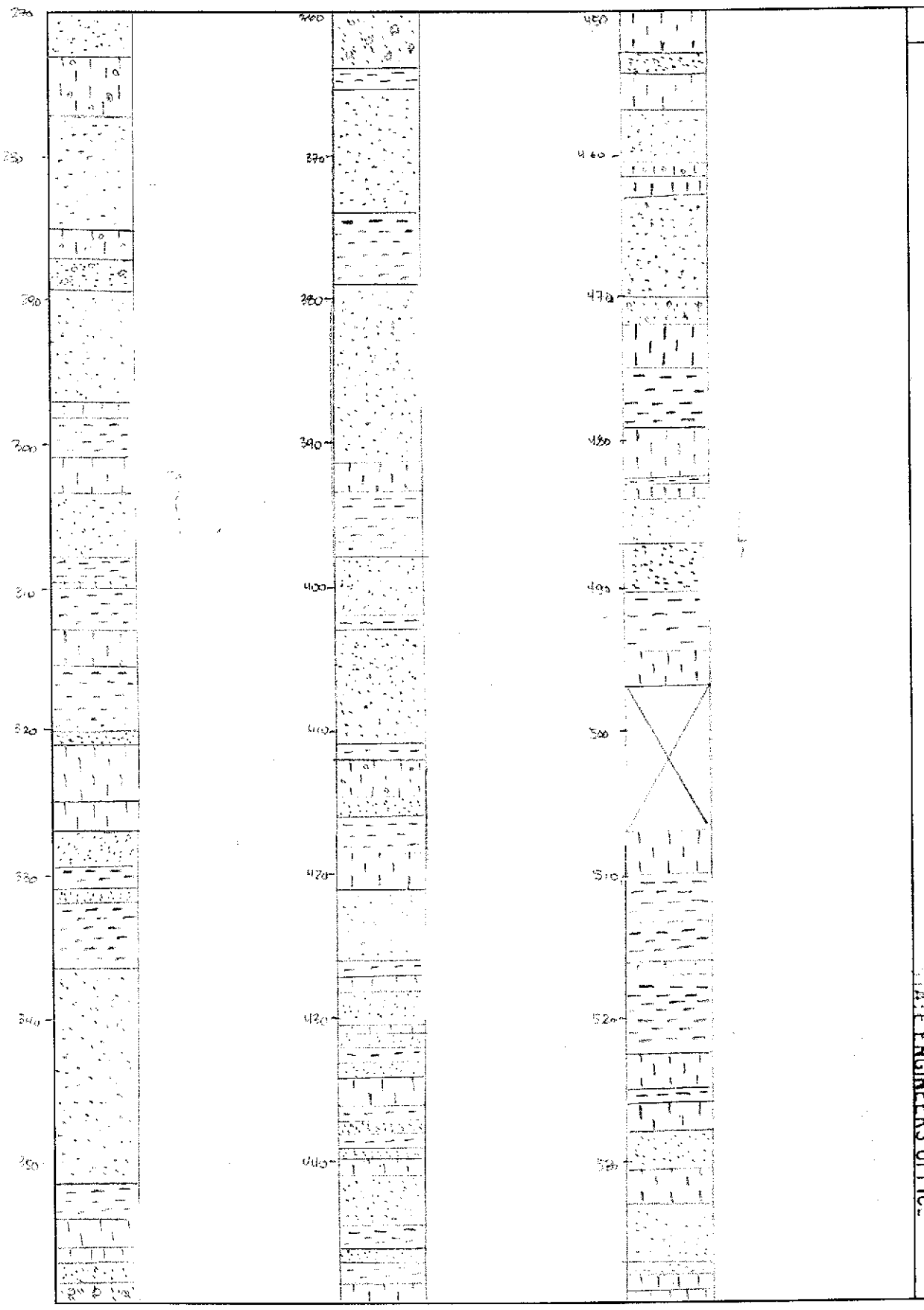
BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		145984	C. Strauss	4/11/15		2

Project	Subject
Additional Monitor Well Installation	B/W-63 Generalized Lithologic Log

~4350 FT AMSL



References/Notes

1 in = 10 ft

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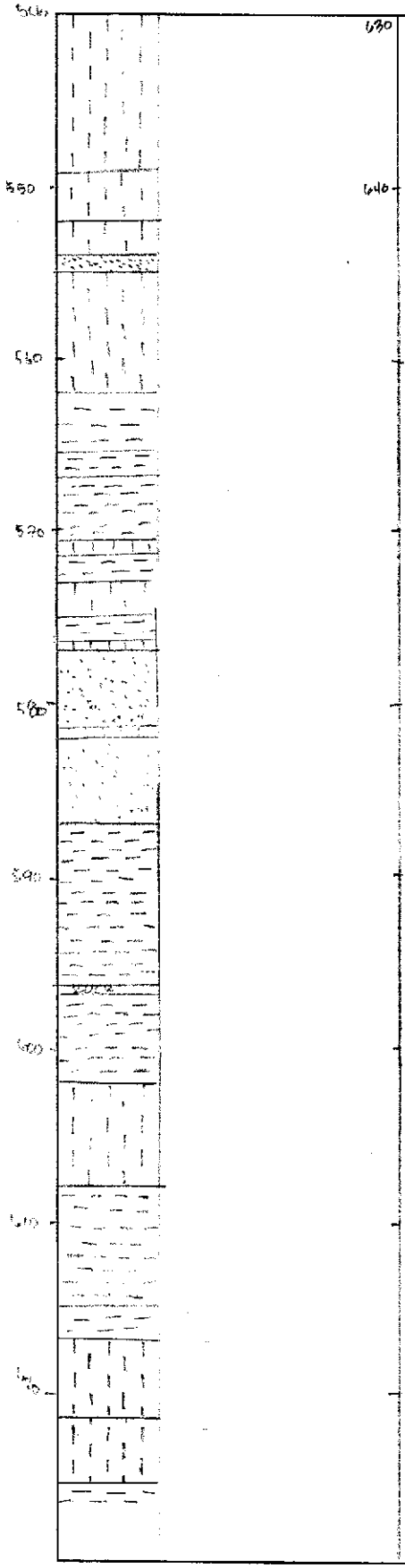
BROWN AND CALDWELL

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]

4350 [illegible]



References/Notes

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