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

OFFICE USE ONLY
Log No. 122972
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. 34131
WELL NAME *(If applicable)*: BW-63 D5

1. OWNER/CLIENT NAME: Atlantic Richfield Company
MAILING ADDRESS: 4 Centerpointe Drive, La Palma, CA 90623

DETAILED ADDRESS AT WELL LOCATION: Yerington Anaconda Mine site.
Subdivision Name: *County:* Lyon

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

Latitude ____ UTM E ____ ☐ NAD 27
Longitude ____ 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
39.04279°N
119.185941°W

Date started: June 11th, 20 15
Date completed: July 24th, 20 15

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)

9. WELL CONSTRUCTION
Depth Drilled: 657' Feet Depth Cased: 470' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9"	Inches	0	Feet	177'	Feet
8"	Inches	177'	Feet	357'	Feet
7"	Inches	357'	Feet	657'	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2 1/2	Sch 80	PVC	0	450'
2"	Stainless Steel	2"	450'	470'

PERFORATIONS:
Type of perforation: 0.20
Size of perforation: Factory Cut.
From 450' Feet To 470' Feet
From ____ Feet To ____ Feet
From ____ Feet To ____ Feet

ANNULAR MATERIALS

☐ Sanitary Seal		to	☐ Pumped	☐ Poured
☐ Neat Cement		to	☐ Pumped	☐ Poured
☐ Cement Grout	0	to 100'	☒ Pumped	☐ Poured
☐ Concrete Grout		to	☐ Pumped	☐ Poured
☐ Bentonite Chips	443	to 448'	☐ Pumped	☒ Poured
☐ Bentonite Grout	100'	to 443'	☒ Pumped	☐ Poured
☐ 15 % ☒ 20 % ☐ Other, explain:				
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☐ Sand Pack [< 0.2 in.]	448'	to 472	☐ Pumped	☒ Poured
☒ Other, explain: Bentonite MED chips	472'	to 657'	☐ Pumped	☒ Poured

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10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name: Cascade Drilling *Contractor*
Address: 1353 W 9th Street Upland CA 91786. *Contractor*

Nevada contractor's license number as issued by the *State Contractor's Board*: 2475 LD. B
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller)*: 73966 B

Signed: ____ *By driller performing actual drilling on site or contractor*
Date:

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

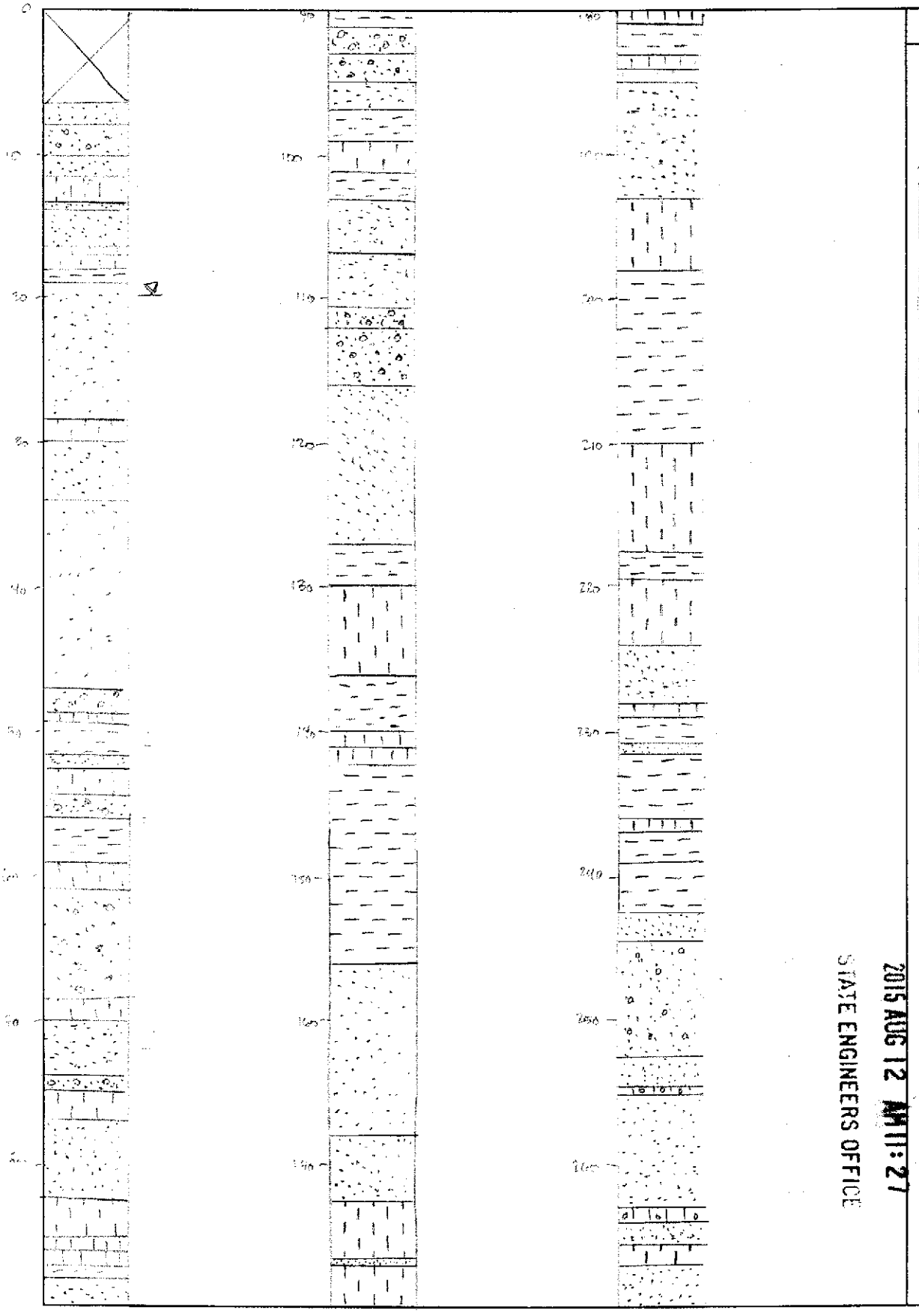
169 # 122972

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 [illegible] SW

= 15% - 50% Fines [illegible] SM or SC

= ≥ 50% Fines [illegible]

= Bedrock

= Wet Gravel

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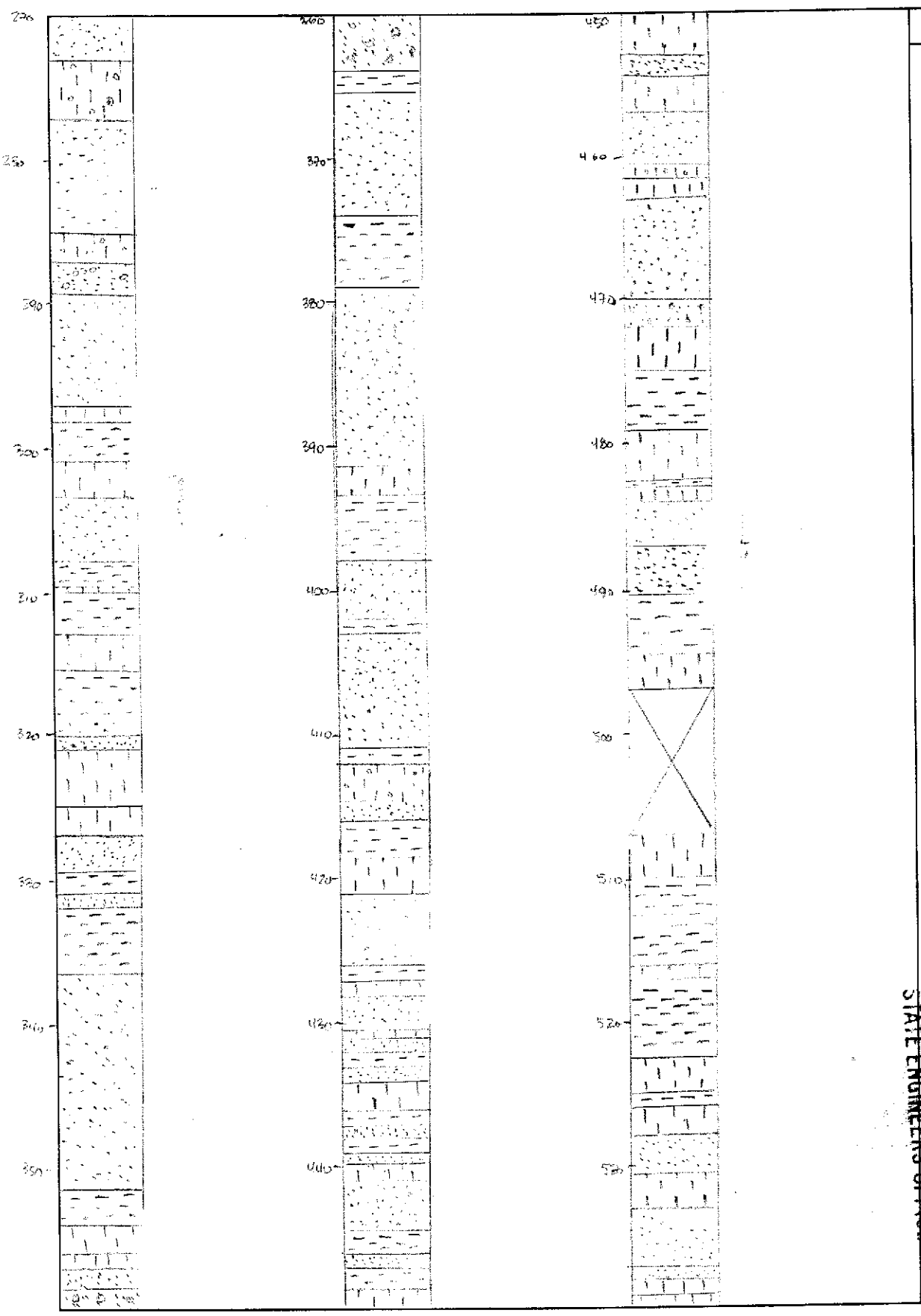
BROWN AND CALDWELL

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 Lithologic Log

~4350 Ft AMSL



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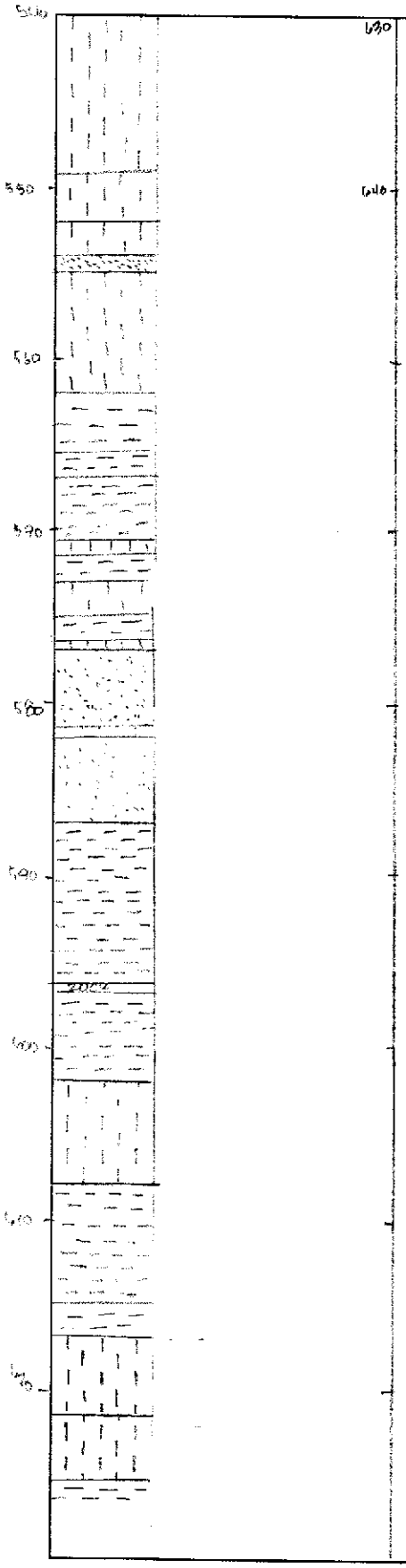
BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		[illegible]	C. [illegible]			3

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

4850 [illegible] AMSL



References/Notes

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