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

OFFICE USE ONLY
Log No. 12019
Permit No.
Basin 108
BW-69 D2

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. 69564

1. OWNER Atlantic Richfield Company.
MAILING ADDRESS 4 Centerpointe Drive
La palma, CA 90623

ADDRESS AT WELL LOCATION Yerington mine site and surrounding areas.
Subdivision Name: County: Lyon

2. LOCATION NW ¼ SE ¼ Sec 21 T 14 N/S R 25 E
PERMIT/WAIVER No. 9-2007-0005 Issued by Water Resources
014-241-02 Parcel No.

Latitude 39.05933835 Longitude 119.19020130
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
Nad 27				
39.059421°N				
119.1892142°W				
See Attached page.				

Date started: April 18, 20 14
Date completed: April 20, 20 14

7. Water Level
Static water level: 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 167' Feet Depth Cased 165' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
7"	Inches	0	Feet	167'.	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"	PVC	Sch 40	0	165'

Perforations:
Type of perforation Factory Cut
Size of perforation 0.20
From 145' feet to 165' feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☐ Neat Cement	to		☐ Pumped	☐ Poured
☒ Cement Grout	0 to 50		☒ Pumped	☐ Poured
☐ Concrete Grout	to		☐ Pumped	☐ Poured
☒ ≥30% Bentonite Grout	50 to 143		☒ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 143 to 167' ☐ Pumped ☒ Poured
Type: #3 Sand
Bentonite Chips: ☒ Yes ☐ No 137 to 143' ☐ Pumped ☒ Poured
Type: Medium 3/8

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling LP (Contractor)
Address 1333 W 9th Street (Contractor)
Upland, CA 91786
Nevada contractor's license number issued by the State Contractor's Board 73966
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2475 LTD
Signed (By driller performing actual drilling on-site or contractor)
Date

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-06)

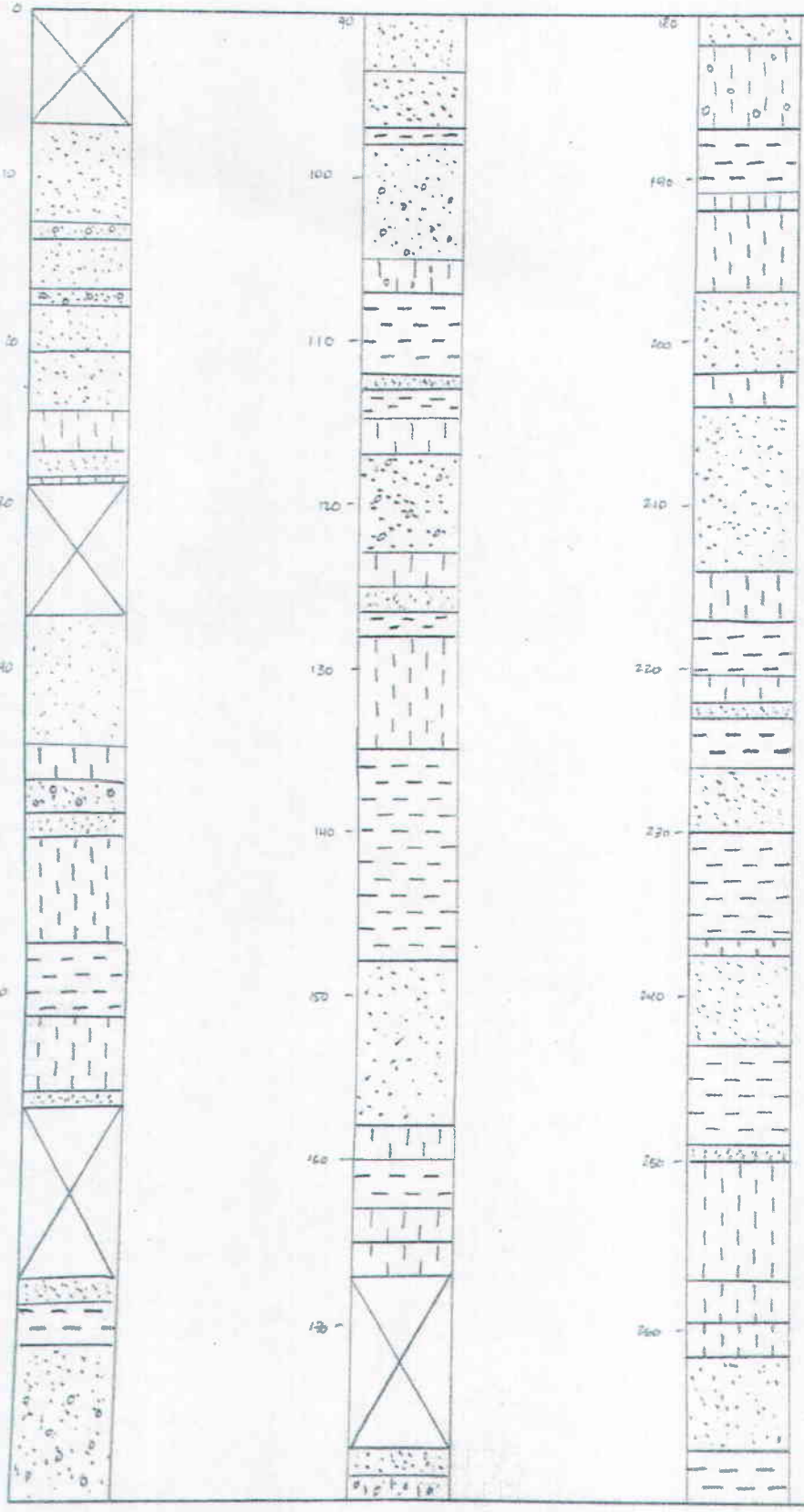
Joy 12/15

BROWN AND CALDWELL

Date Checked	Checked by	Job Number	By	Date	Calc. No.	Sheet No.
		144230.100	C. STRAUSS			1 / 3

Project	Subject
ADDITIONAL MW INSTALLATION	B/W-69 GENERALIZED LITHOLOGY LOG

4349 FT AMSL



References/Notes

= < 15% FINES SAND

= 15-49% FINES SM or SC

= ≥ 50% FINES CL, CH, ML

= ≥ 15% GRAVEL

= NO RECOVERY

= BEDROCK

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#1590-1/10" sq

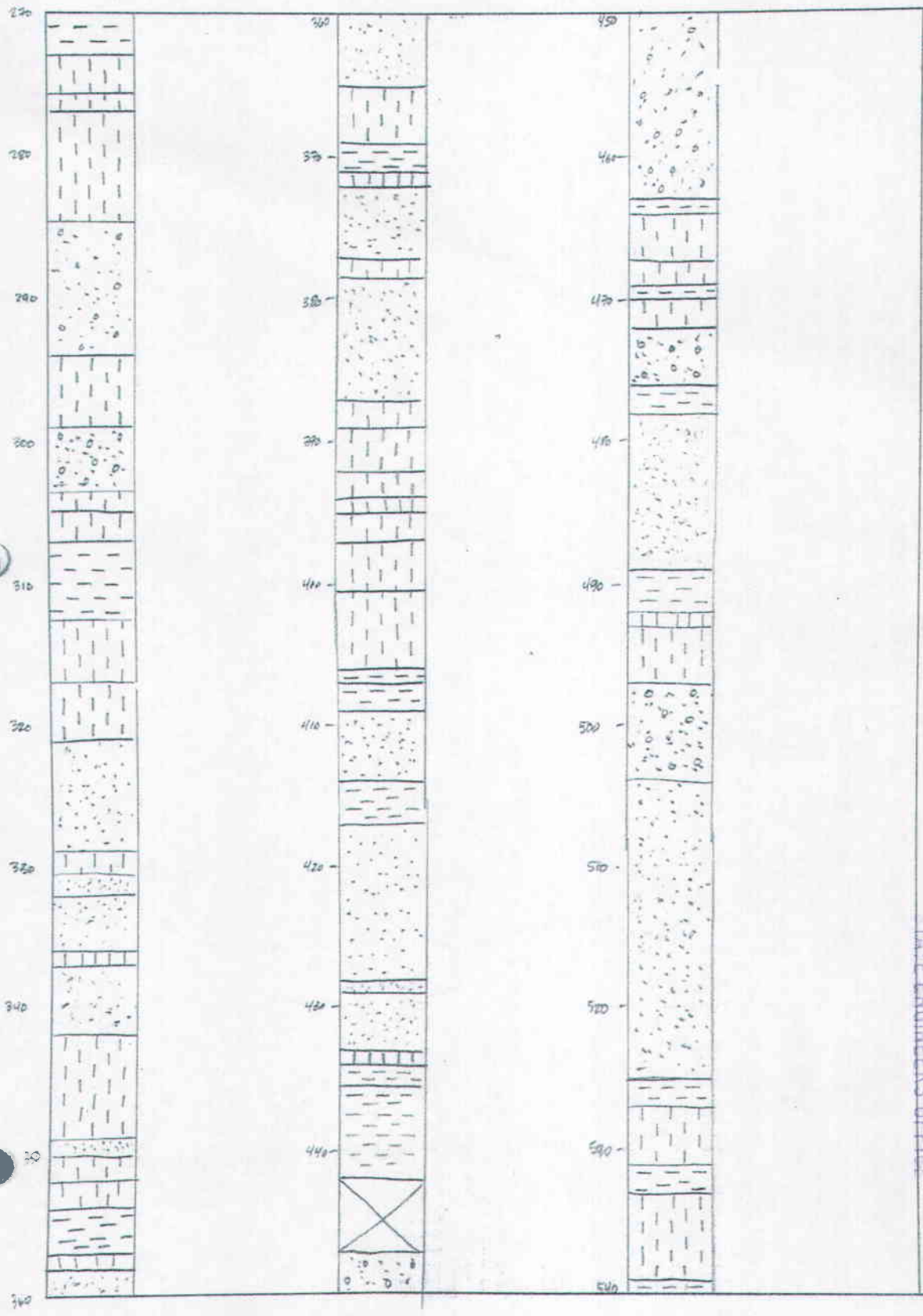
log 12 of 15

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		144230.100	S. STRAUSS			2/3

Project	Subject
ADDITIONAL MW INSTALLATION	B/W-69 GENERALIZED LITHOLOGY LOG

4349 FT AMSL



References/Notes

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#1590-1/10" sq.

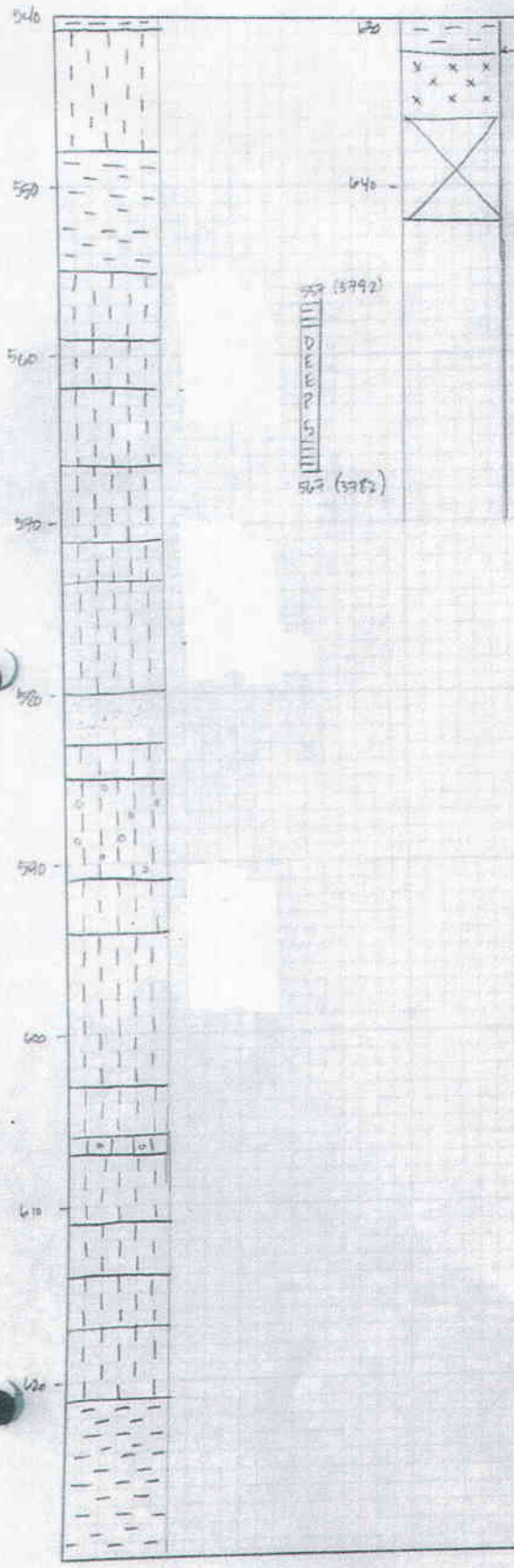
log R0115

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		144230.100	C. STRAUSS			3 / 3

Project	Subject
ADDITIONAL MW INSTALLATION	B/W-69 GENERALIZED LITHOLOGY LOG

4349 FT AMSL



References/Notes

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