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

OFFICE USE ONLY
Log No. 119518
Permit No.
Basin 108
Well # BW-82I

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. 69341

1. OWNER Atlantic Richfield Company
MAILING ADDRESS 4 Centerpoint Drive
La Palma, CA 90623

ADDRESS AT WELL LOCATION Yerington Mine site and Surrounding Areas.
Subdivision Name: County: Lyon

2. LOCATION SE ¼ SE ¼ Sec 17 T 14 N/S R 25 E
PERMIT/WAIVER No. 9-2007-0005
Issued by Water Resources
Parcel No. 014-18-19

~~Latitude~~ 309761
~~Longitude~~ 4326975
UTM E ~~325199.65~~ ☒ NAD 27
N ~~1674388.17~~ ☐ 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
See Attached Form				

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Nad 27
39.0 73031°N
119.19 9056°W

Date started: 12-19- , 20 13
Date completed: 12-20 , 20 13

9. WELL CONSTRUCTION
Depth Drilled 67' Feet Depth Cased 65' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6"	Inches	0	Feet	67'	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	65'

Perforations:
Type of perforation factory Cut
Size of perforation 0.20
From 55' feet to 65' 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 to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 67' to 53' ☐ Pumped ☒ Poured
Type: #3
Bentonite Chips: ☒ Yes ☐ No 53' to 50' ☐ Pumped ☒ Poured
Type: MEDIUM 3/8

7. Water Level
Static water level: 40' 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)

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
Signed [signature]
By driller performing actual drilling on-site or contractor
Date

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627

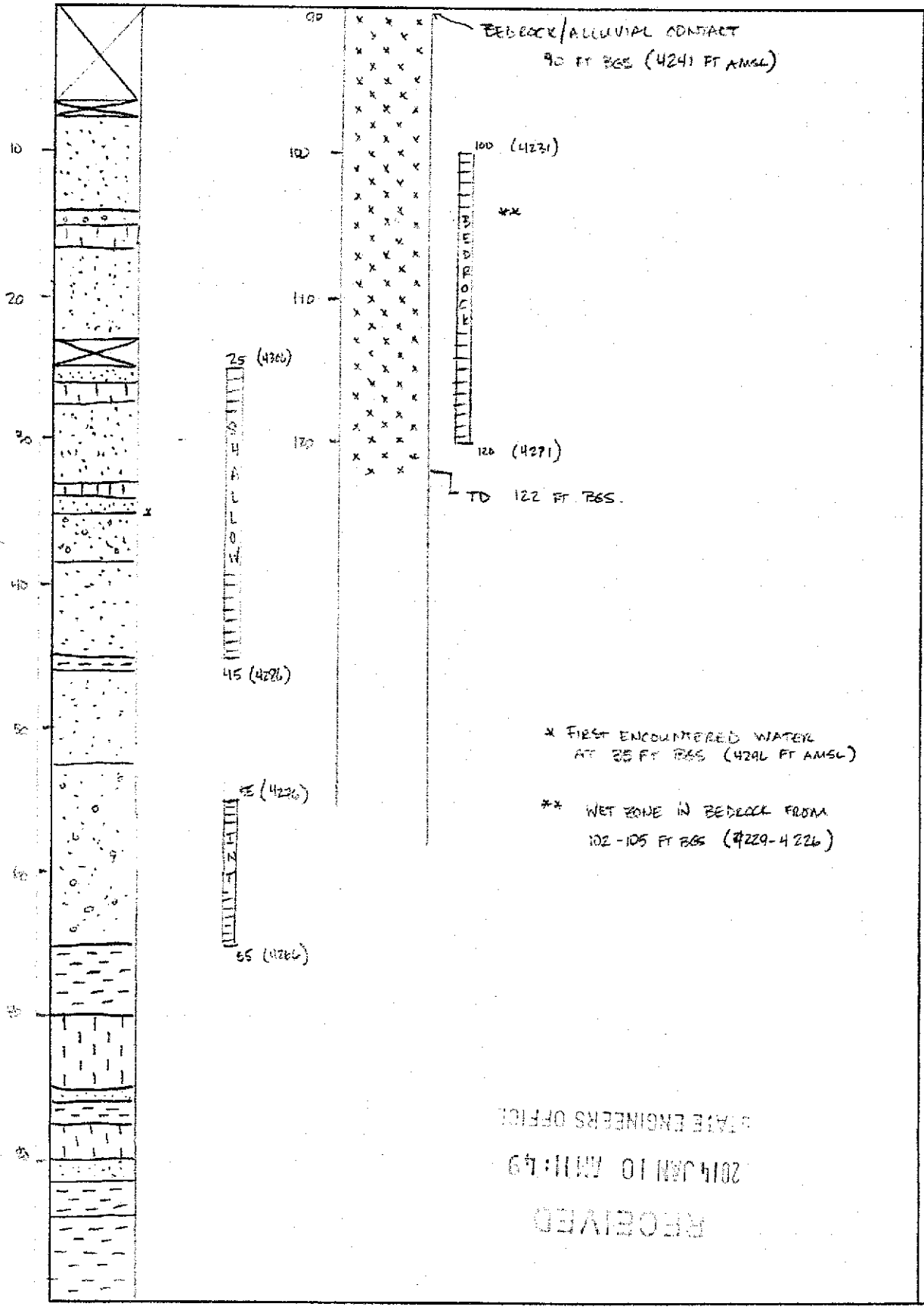
log 119518

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
		144230	C. Strauss	12/20/13 - 12/21/13		1 / 1

Project	Subject
Additional MW Installation	BW-822 Generalized Lithology Log

Ground Surface Elevation 4331 ft AMSL



References/Notes

= <15% Fines Sand

= 15-49% Fines SM or SC

= ≥ 50% Fines CL or ML

= ≥ 15% Gravel

= Bedrock

= No Recovery

S = Sulfate
A = Alkalinity
TI = Total Iron
FI = Ferrous Iron

* First encountered water at 85 ft BGS (4246 ft AMSL)

** Wet zone in bedrock from 102-105 ft BGS (4229-4226)

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