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

OFFICE USE ONLY
Log No. 119519
Permit No.
Basin 108

Well # BW-82 D

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 Verington mine site and Surrounding areas.
Subdivision Name: 014-181-19 County: Lyon

2. LOCATION SE ¼ SE ¼ Sec 17 T 14 N S R 25 E
PERMIT/WAIVER No.
Issued by Water Resources
Parcel No. 014-181-19

Latitude 309761
Longitude 4326975
UTM E ~~325199.65~~ ☒ NAD 27
N ~~1574388.17~~ ☐ 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
39.073031° N
119.199056° W

Date started: 12-15, 20 13
Date completed: 12-19, 20 13

7. Water Level
Static water level: 41' 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 122' Feet Depth Cased 120' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6"	Inches	0	Feet	122'	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	120'

Perforations:
Type of perforation Factory Cut
Size of perforation 0.20
From 100' feet to 120' 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 95 ☒ Pumped ☒ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 98 to 122' ☐ Pumped ☒ Poured
Type: #3
Bentonite Chips: ☒ Yes ☐ No 95 to 98' ☐ Pumped ☒ Poured
Type: Medium chips. 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 St
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 05-08)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627

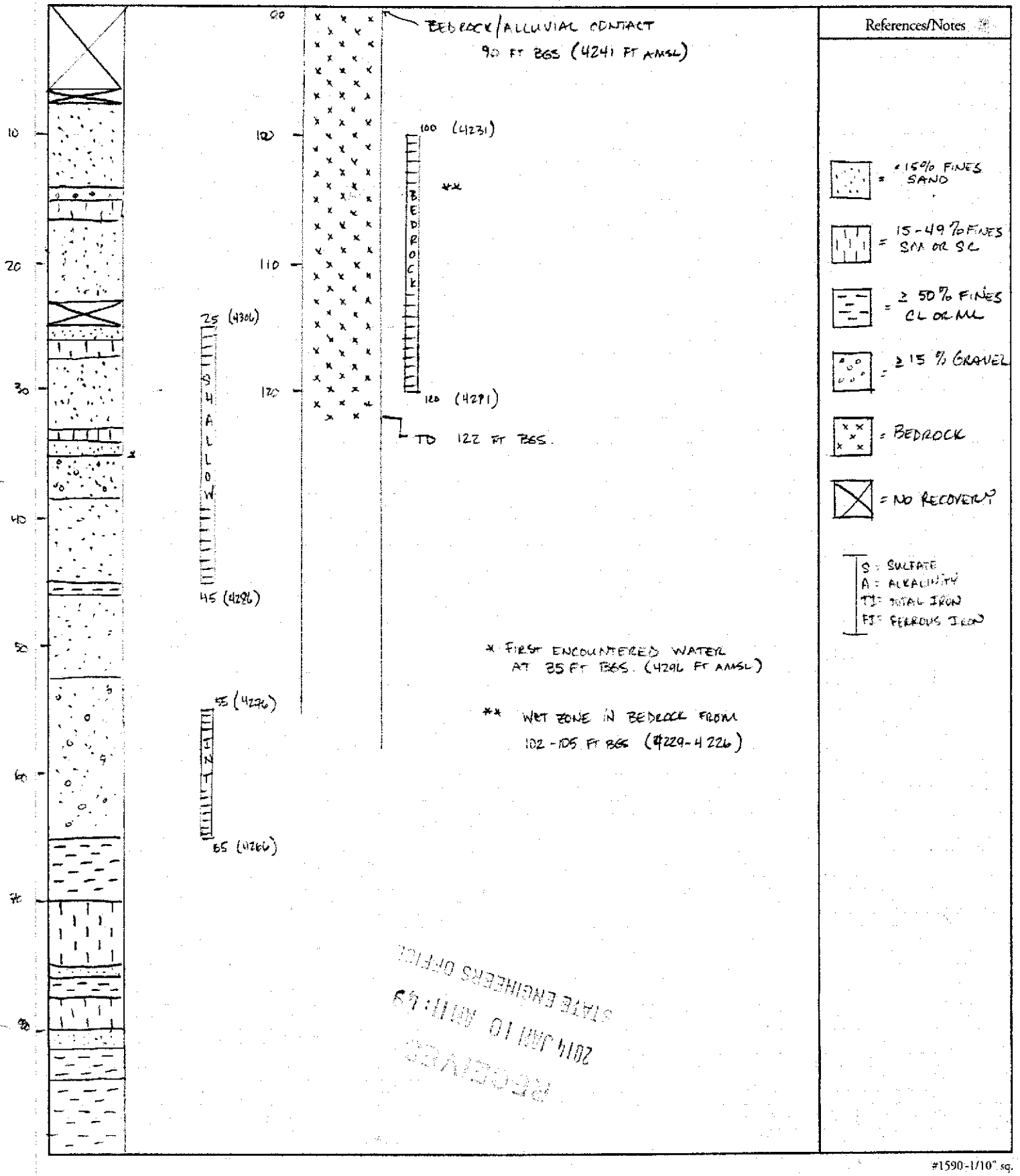
Log 119519

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-828 GENERALIZED LITHOLOGY LOG

GROUND SURFACE ELEVATION 4331 FT AMSL



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#1590-1/10" sq.