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

OFFICE USE ONLY
Log No. 154428
Permit No.
Basin 108

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

Well ID = HLP-03

NOTICE OF INTENT NO. 69328

1. OWNER Jack Oman (Atlantic Richfield Company)
MAILING ADDRESS 4 Centerpoint Drive
Lake Palma, CA 90623

ADDRESS AT WELL LOCATION Yerington Mine site
Subdivision Name:
County: Lyon

2. LOCATION NW ¼ NE ¼ Sec 17 T 13 N/S R 25 E
PERMIT/WAIVER No. CIP Docket 9-2001-0008
Issued by Water Resources
Parcel No 014-901-15

Latitude
Longitude

UTM E 322824.22 ☒ NAD 27
N 1546447.22 ☐ 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 Log				
NAD27				
39.496186°N				
119.207736°W				

Date started: October-9th, 20 13
Date completed: October-19th, 20 13

7. Water Level
Static water level: 270' 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 312' Feet Depth Cased 300' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6"	Inches	270'	Feet	312'	Feet
7"	Inches	0	Feet	270'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.50'	Sch 80	PVC	0'	270'

Perforations:
Type of perforation Factory Cut 2" Stainless Steel.
Size of perforation 0.20
From 270' feet to 300' 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 260'		☒ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 268 to 302' ☐ Pumped ☒ Poured
Type: #3 Sand
Bentonite Chips: ☒ Yes ☐ No 260' to 267' ☐ Pumped ☒ Poured
Type: MBD chips.

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 Upland, CA 91786 Contractor

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 By driller performing actual drilling on-site or contractor
Date October-19th-2013

(Rev 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

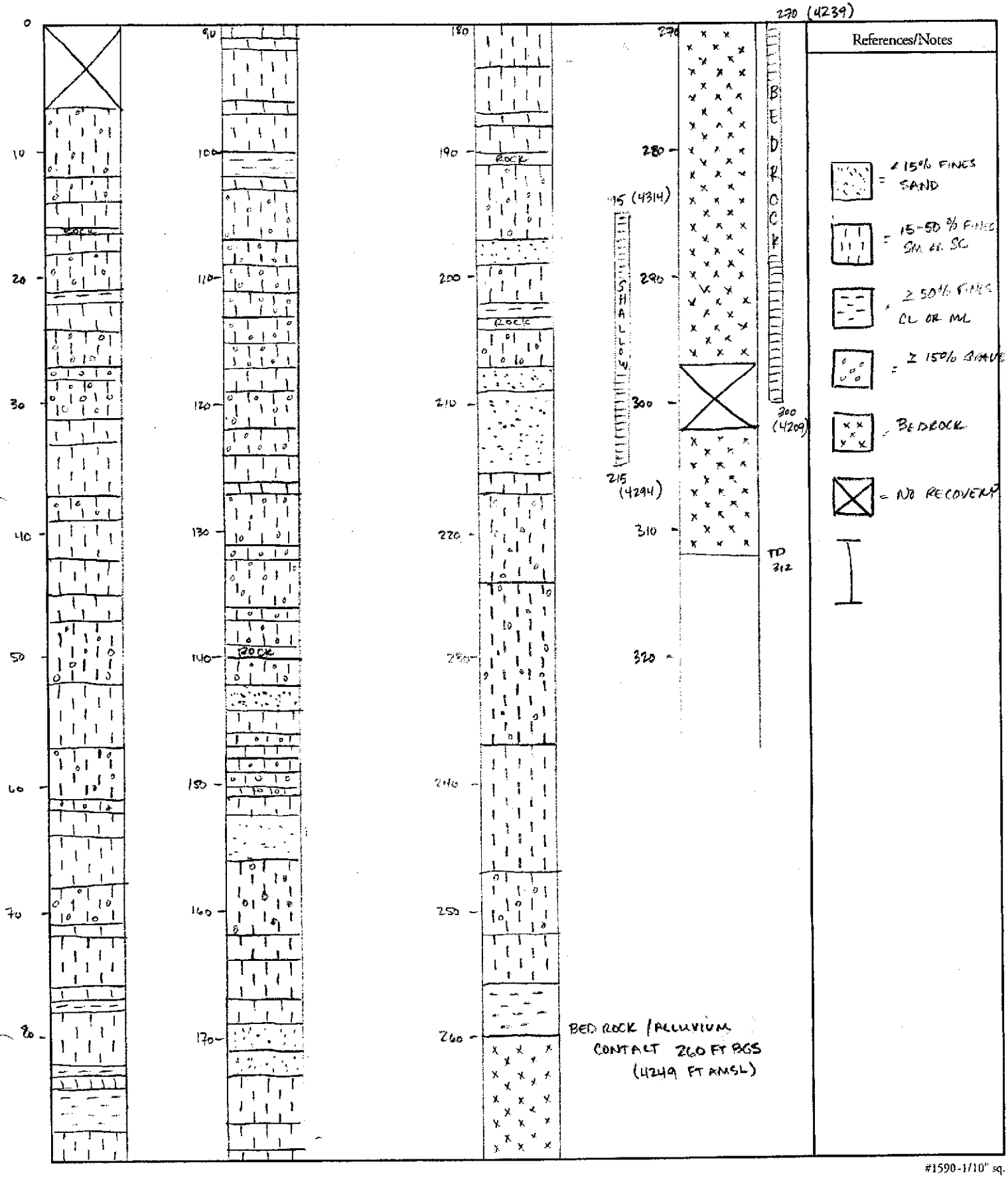
2013 NOV -4 PM 12:02 STATE ENGINEER'S OFFICE

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
			C. STRAUSS	10/9/13 - 10/17/13		1 / 1

Project	Subject
ADDITIONAL MW INSTALLATION	HLP-03 GENERALIZED LITHOLOGY LOG

4509 FT AMSL



#1590-1/10" sq.