1 of 2

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

OFFICE USE ONLY
Log No. 112338
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

NOTICE OF INTENT NO. 63824

1. OWNER Jack Oman - Atlantic Richfield Company
MAILING ADDRESS 4 Centerpointe Drive
La Palma, CA 90623

ADDRESS AT WELL LOCATION Yerrington Mine Site & surrounding area
Subdivision Name: WELL # B/W - 33B County: Lyon

2. LOCATION NE¼ NE ¼ Sec 6 T 13 (N) R 25 E
PERMIT/WAIVER No. EPA 9-2007-0085
Issued by Water Resources
Parcel No.

Latitude 39.025835
Longitude 1557260.85
119.22259
UTM E
N
[x] NAD 27
[x] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [x] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [ ] RVC
[ ] Air [x] Other SONIC

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Lithology Log Attached				

Date started: Sept 1, 20 10
Date completed: Sept 30, 20 10

7. Water Level
Static water level: 80 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 280 Feet Depth Cased 277 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6.5	Inches	0	Feet	280	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2		scd 40 pvc	+3	267

Perforations:
Type of perforation pvc screen
Size of perforation .020
From 267 feet to 277 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [x] Yes [ ] No
[x] Neat Cement 0 to 75 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [x] Yes [ ] No 265 to 280 [ ] Pumped [x] Poured
Type: Monterey #3
Bentonite Chips: [x] Yes [ ] No 75 to 265 [ ] Pumped [x] Poured
Type: bottom hole - 3/4" - 3/8" Hole Plug

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Boart Longyear
Contractor
Address 3894 Railroad Avenue
Contractor
Yuba City, CA 95991
Nevada contractor's license number issued by the *State Contractor's Board* 0021976
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2234
Signed
By driller performing actual drilling on site or contractor
Date 10-20-10

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 05-06)

39.025933°N
119.221602°W
NAD 27 (TA)

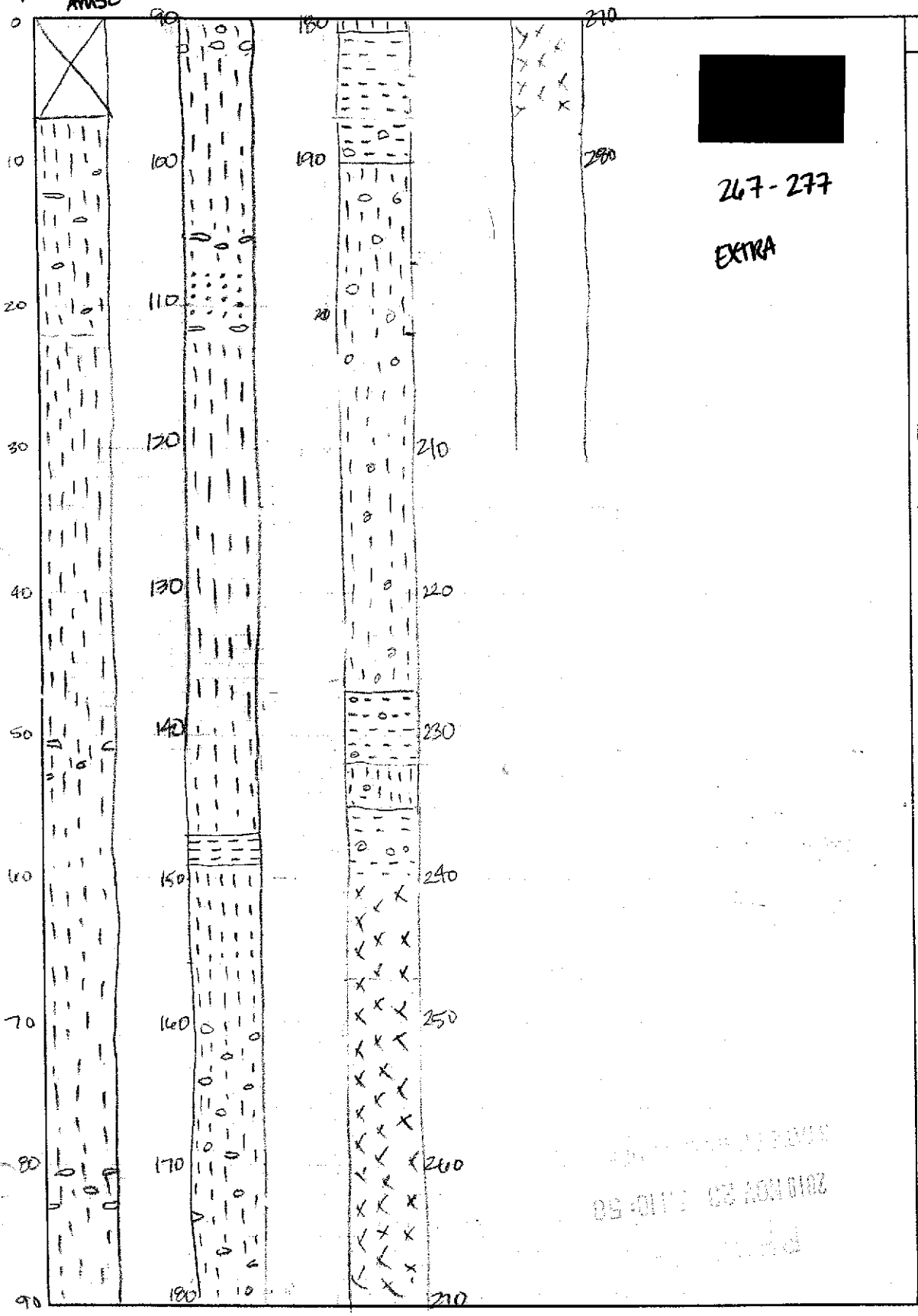
2 of 2 112338

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.

Project	Subject
VERINGTON MINESITE 2010 MW WORK PLAN	LITH LOG - B/W-33

~ 4432 FT AMSL



References/Notes

LEGEND

= SAND W/ <15% FINES

= 15 - 50% FINES

= >/ 50% FINES

= GRAVEL

X = NO RECOVERY

x x x x x = WEATHERED TUFF

#1590-1/10" sq.