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

OFFICE USE ONLY
Log No. 112335
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 -54 S County: Lyon

2. LOCATION NW ¼ SE ¼ Sec 20 T 14 N/S R 25 E
PERMIT/WAIVER No. EPA 9-2007-0085 (Issued by Water Resources) Parcel No.
Latitude 119.20644 Longitude 39.05958
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 |
|---|---|---|---|---|
| Lithology Log Attached | | | | |

Date started: 25-Sep, 20 10
Date completed: 26-Sep, 20 10

9. WELL CONSTRUCTION
Depth Drilled 65 Feet Depth Cased 62 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 6.5 | Inches | 0 | Feet | 65 | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 2 | | schd 40 pvc | +3 | ~~52~~ 62 |

Perforations:
Type of perforation pvc screen
Size of perforation .020
From 52 feet to 62 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 10 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 50 to 65 ☐ Pumped ☒ Poured
Type: Monterey #3
Bentonite Chips: ☒ Yes ☐ No 10 to 50 ☐ Pumped ☒ Poured
Type: bottom hole - 3/4" - 3/8" Hole Plug

7. Water Level
Static water level: 23 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 Boart Longyear (Contractor)
Address 3936 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 11/16/2010

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

39.059662°N
119.205452°W
NAD 27 (TO)

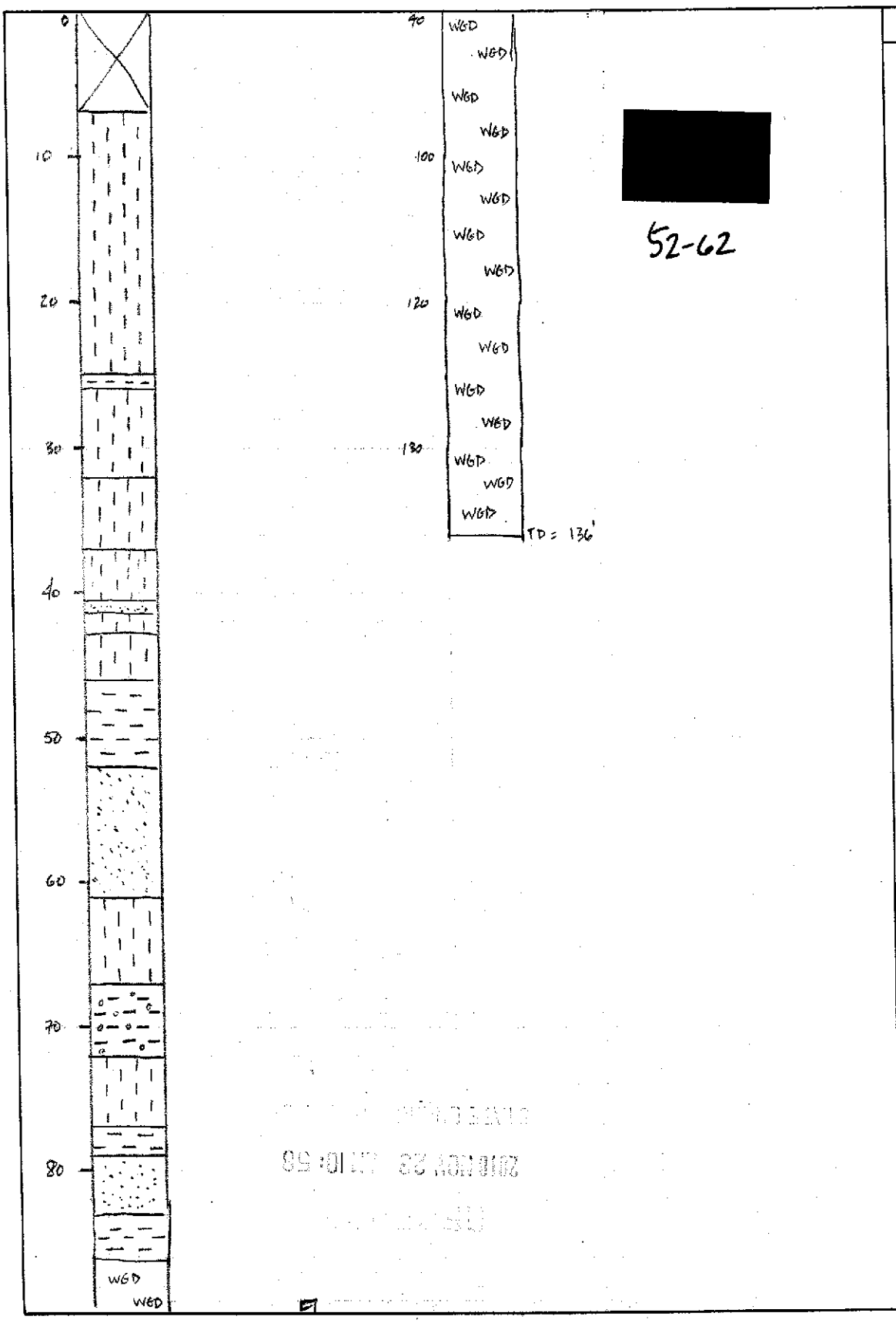
2 of 2 112535

BROWN AND CALDWELL

| Date Checked | Checked By | Job Number | By | Date | Calc. No. | Sheet No. |
|---|---|---|---|---|---|---|
| | | | CJS | 7/7/2010 | | 1 |

| Project | Subject |
|---|---|
| 2010 GW INVESTIGATIONS | B/W-54 D GENERALIZED LITH LOG |

~4350




References/Notes

= <15% FINES (SP or SW)

= 15% - 50% FINES (SM or SC)

= >50% FINES (CL)

= GRAVEL

WGD: WEATHERED/ DECOMPOSED GRANODIORITE

#1590-1/10" sq.