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

HLP-08-I

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

OFFICE USE ONLY
Log No. 18517
Permit No.
Basin 108

NOTICE OF INTENT NO. 69333

1. OWNER JACK ONAN ATLANTIC RICHFIELD
MAILING ADDRESS 4 CENTER POINT DR
LA PALMA CA. 90623

ADDRESS AT WELL LOCATION YERINGTON MINE SITE AND SURROUNDING AREA
Subdivision Name: County: LYON

2. LOCATION NE ¼ NW ¼ Sec 8 T 13 (N)S R 25 E
PERMIT/WAIVER No. N/A
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 321671.64 ☒ NAD 27
N 155 1949.49 ☐ 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 LITH LOG				
NAD27 39.012770 N 119.211925				

Date started: 10-28, 20 13
Date completed: 10-29, 20 13

7. Water Level
Static water level: NOT KNOWN 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 135 Feet Depth Cased 135 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6	Inches	0	Feet	135	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	115

Perforations:
Type of perforation FACTORY SLOT
Size of perforation .020
From 115 feet to 135 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 50 to 0 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 98 to 50 ☒ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 135 to 113 ☐ Pumped ☒ Poured
Type: #3 SAND
Bentonite Chips: ☒ Yes ☐ No 113 to 98 ☐ Pumped ☒ Poured
Type: MEDIUM

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 (Contractor)
Address 230 E STONEY DR. (Contractor)
McCARRON, NV
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 2434 M
Signed (By driller performing actual drilling on-site or contractor)
Date 11-2-13

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627

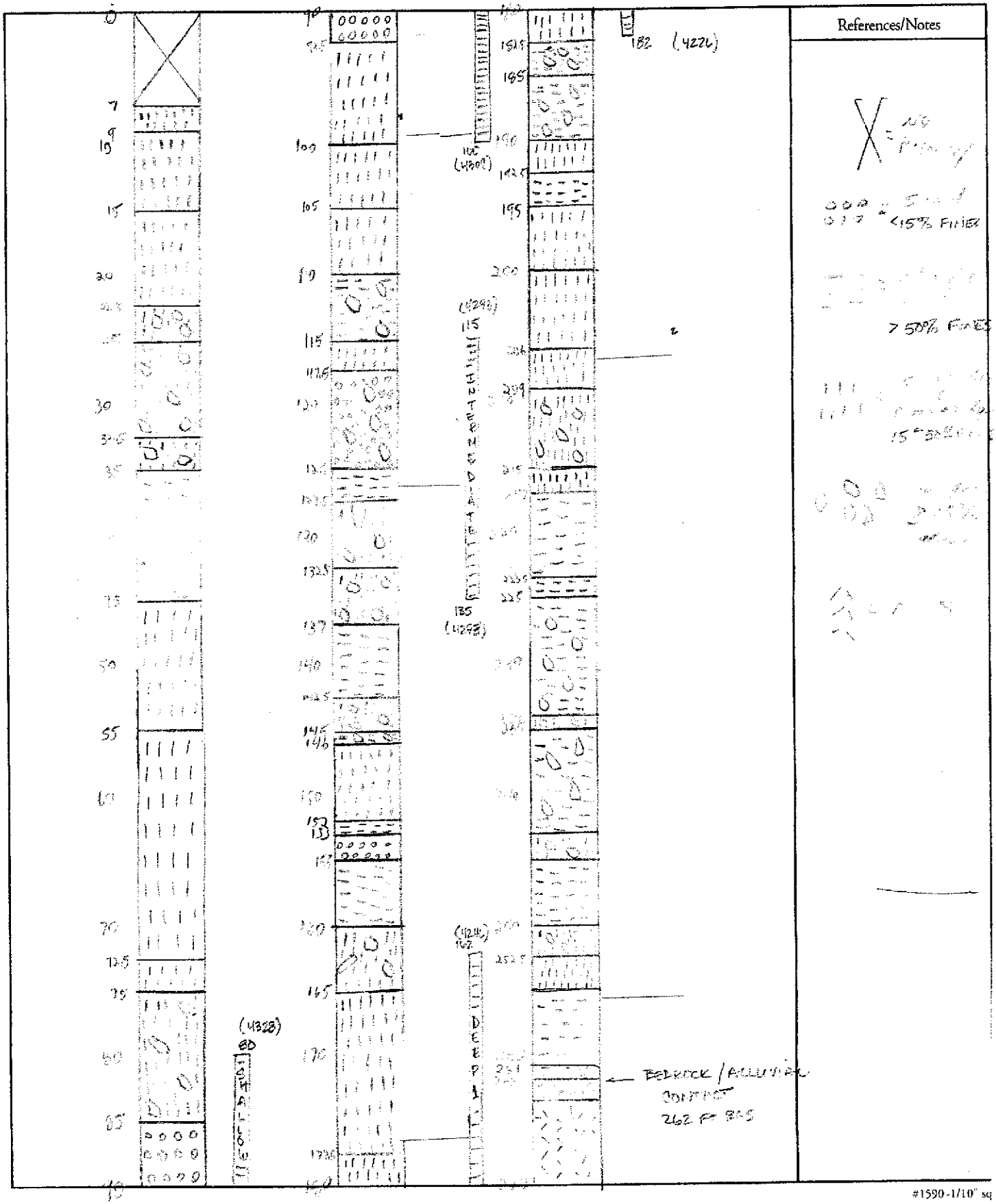
5a S.I, 01, ~~00~~ ~~02~~, ~~0~~

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
			JR	9/19/13		1

Project	Subject
Yerington 2013 Additional Monitoring Well Installation	HLP-08 Lithology Log

4408 FT AMSL

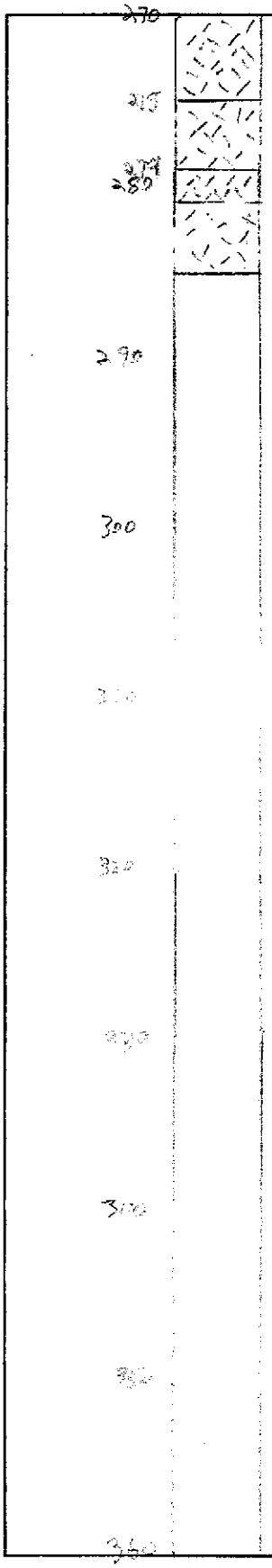


#1590-1/10" sq

BROWN AND CALDWELL

Date Checked	Checked By	Job Number	By	Date	Calc. No.	Sheet No.
			JR			2

Project	Subject
Yerington 2013 Additional monitoring Well Installation	HLP-08 Lithology Log



References/Notes

#1590-1/10" sq.