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

OFFICE USE ONLY
Log No. 107978
Permit No.
Basin 212

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. 33690

1. OWNER Union Oil Co California
MAILING ADDRESS PO Box 1392
Bakersfield CA 93302

ADDRESS AT WELL LOCATION 101 N Decatur Blvd
MW-30 / MW-31 Las Vegas
Subdivision Name: County: Clark

2. LOCATION SW ¼ SW ¼ Sec 34 T 20S N/S R 60 E
PERMIT/WAIVER No. 138-25-812-209
Issued by Water Resources Parcel No.

Latitude 115°12 327/329
Longitude 36°10 495/497
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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Asphalt		0	1.5	2
Brown Sandy Clay		1.5	8	7
Claye Sand Tan		8	14	6
Caliche		14	16	2
Claye Sand Tan		16	26	10
Caliche		26	28	2
Claye Sand Tan		28		-28
W Layers of Caliche	W/L		60	60
Brown Silty Clay		60	65	5

Date started: 17-Apr, 20 08
Date completed: 18-Apr, 20 08

9. WELL CONSTRUCTION
Depth Drilled 65/60 Feet Depth Cased 65/60 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	65	Feet
8	Inches	0	Feet	60	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4	10.79	.237	0	65
4	10.79	.237	0	60

Perforations:
Type of perforation Factory Slotted
Size of perforation 0.020
From MW-30 50 feet to 65 feet
From MW-31 45 feet to 60 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 43 to 65 ☐ Pumped ☒ Poured
Type: 8/12 Colorado Silica
Bentonite Chips: ☒ Yes ☐ No 0 to 43 ☐ Pumped ☒ Poured
Type: 3/8 Holeplug

7. Water Level
Static water level: 50'/50' 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. Time (Hours)

DCNR/DWR
RECEIVED
MAY 01 2008
LAS VEGAS OFFICE

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name WDC Exploration & Wells
Contractor
Address 570 Corinthian Way
Contractor
Las Vegas, NV 89030
Nevada contractor's license number issued by the *State Contractor's Board* 001252
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2057-T4
Signed
By driller performing actual drilling on site or contractor
Date 4/24/2008

(Rev. 05-06)
USE ADDITIONAL SHEETS IF NECESSARY