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

OFFICE USE ONLY
Log No. 109694
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. 35125

1. OWNER Union Oil Company California
MAILING ADDRESS P.O. Box 1392
Bakersfield, CA 93302

ADDRESS AT WELL LOCATION 5680 W. Charleston Blvd
MW-25 Las Vegas, NV
Subdivision Name: County: Clark

2. LOCATION SE ¼ SW ¼ Sec 36 T 20S N/S R 60 E
PERMIT/WAIVER No. N/A 138-36-408-001
Issued by Water Resources Parcel No.

Latitude 36.09585
Longitude 115.13131
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 (Auger)

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Asphalt		0	3"	#####
Fill Sand & Gravel		3"	1.5	#####
Caleche		1.5	4	3
Tan Silt with Caleche		4	18	14
Cemented Sand & Gravel		18	20	2
Tan Silt with Clay		20	55	35
Cemented Sand & Gravel		55	57	2
Brown Sandy Clay		57	76	19

Date started 27-Oct , 20 09
Date completed 28-Oct , 20 09

9. WELL CONSTRUCTION
Depth Drilled 76 Feet Depth Cased 75 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8	Inches	0	Feet	76	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5	10.79	.237	0	75

Perforations:
Type of perforation Factory Slotted
Size of perforation .020
From 55 feet to 75 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 2 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 2 to 50 ☐ Pumped ☒ Poured
Gravel Pack: ☒ Yes ☐ No 53 to 76 ☐ Pumped ☒ Poured
Type: 2/12 Colorado
Bentonite Chips: ☒ Yes ☐ No 50 to 53 ☐ Pumped ☒ Poured
Type: 3/8 holeplug

7. Water Level
Static water level: 62 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I.
Water Temperature: N/A °F
Quality: Good

8. WELL TEST DATA
TEST METHOD: ☒ Bailer ☐ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Bailor	3	6'	1.5hrs

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, N. Las Vegas, NV 89030
Contractor
Nevada contractor's license number issued by the *State Contractor's Board* 0012852
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* M-2371
Signed
By driller performing actual drilling on site or contractor
Date 10/30/2009

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY