

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

OFFICE USE ONLY  
 Log No. **107974**  
 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. **33693**

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

ADDRESS AT WELL LOCATION 5680 W. Charleston Blvd  
Las Vegas NV AS-8D/AS-85

Subdivision Name: \_\_\_\_\_ County: Clark

2. LOCATION SE 1/4 SW 1/4 Sec 36 T 20S N 36R 60 E Latitude 115°13'138 UTM E  NAD 27  
 PERMIT/WAIVER No. 138-36-408-001 Longitude 36°09'565 N  NAD 83/WGS 84

Issued by Water Resources Parcel No. \_\_\_\_\_

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	Thick-ness
Gravelly Clay		0	2	2
Caliche		2	3.5	2
Gravelly Clay		3.5	7	4
Caliche		7	8.5	2
Sand w/Clay		8.5	11.5	3
Gravelly Sand w Cl		11.5	41	30
Claiche		41	43	2
Sandy Clay		43	47	4
Caliche		47	48	1
Sandy Clay	<u>Wet</u>	48	60	12
Lt Brown Clay	<u>Wet</u>	60	75	15
Caliche	<u>Wet</u>	75	77	2
Gravelly Clayey Sand w Caliche Layers	<u>Wet</u>	77	120	-77

9. WELL CONSTRUCTION

Depth Drilled 120 Feet Depth Cased 95 Feet

HOLE DIAMETER (BIT SIZE)

From	To	Feet	Feet
<u>8</u> Inches	<u>0</u> Feet	<u>120</u> Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>1</u>	<u>1.68</u>	<u>.133</u>	<u>0</u>	<u>95</u>

Perforations:

Type of perforation	Size of perforation	Factory Slotted
		<u>0.020</u>
From <u>93</u>	feet to <u>95</u>	feet
From <u>72</u>	feet to <u>75</u>	feet
From _____	feet to _____	feet
From _____	feet to _____	feet
From _____	feet to _____	feet

Annular Seal:  Yes  No

<input type="checkbox"/> Neat Cement	<u>95</u> to <u>120</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	<u>0</u> to <u>65</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack:  Yes  No 71/93 to 75/95  Pumped  Poured  
 Type: 8/12 Colorado Silica

Bentonite Chips:  Yes  No 65/75 to 71/93  Pumped  Poured  
 Type: 3/8 Holeplug

7. Water Level  
 Static water level: 59' feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: \_\_\_\_\_ °F  
 Quality: \_\_\_\_\_

8. WELL TEST DATA

TEST METHOD:  Bailor  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 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 [Signature]  
 By driller performing actual drilling on site or contractor

Date 4/24/2008

**DCNR/DWR RECEIVED**  
 MAY 01 2008