



## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTuplicate.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Union Oil Company of California

State

(Company or Operator)

(Lease)

Well No. **4-30**, in **SE**  $\frac{1}{4}$  of **NE**  $\frac{1}{4}$  of Sec. **30**, T. **15-S**, R. **31-E**, NMPM.**Undesignated Copper Queen** Pool,**Chaves**

County.

Well is **1690** feet from **North** line and **990** feet from **East** lineof Section **30**. If State Land the Oil and Gas Lease No. is **E - 5666 Original**Drilling Commenced **July 13**, 19 **55**. Drilling was Completed **July 19**, 19 **55**Name of Drilling Contractor **Lawless Drilling Company**Address **Box 3182, Odessa, Texas**Elevation above sea level at Top of Tubing Head **4435.0'**. The information given is to be kept confidential until **--**, 19 **--**

## OIL SANDS OR ZONES

No. 1, from **3140** to **3152** No. 4, from **--** to **--**No. 2, from **--** to **--** No. 5, from **--** to **--**No. 3, from **--** to **--** No. 6, from **--** to **--**

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **N** to **--** feet.No. 2, from **O** to **--** feet.No. 3, from **N** to **--** feet.No. 4, from **--** to **--** feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<b>8-5/8"</b>	<b>24#</b>	<b>New</b>	<b>295.85'</b>	<b>Baker Guide</b>	<b>--</b>	<b>--</b>	<b>Surface casing</b>
<b>5-1/2"</b>	<b>14#</b>	<b>New</b>	<b>3148.06'</b>	<b>Baker Guide</b>	<b>--</b>	<b>3140-3152'</b>	<b>Production string</b>
<b>2" NBS tbg.</b>	<b>4.75#</b>	<b>New</b>	<b>3144.57'</b>	<b>check 1. Collar</b>	<b>--</b>	<b>--</b>	

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>11"</b>	<b>8-5/8"</b>	<b>308.85'</b>	<b>175 w/4% gal</b>	<b>P &amp; P</b>	<b>--</b>	<b>--</b>
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>3158.06'</b>	<b>200 w/4% gal</b>			
			<b>plus 200 gal. Ft. P &amp; P</b>		<b>--</b>	<b>--</b>
			<b>Strata-Crete</b>			

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

**Perforated 5-1/2" casing 3140-3152' with 48 holes. Treated through perforations with 8000 gallons of oil and 10,000 pounds of sand. Injected sandfracs at 17.4 bbls/min. at 1800-2100 pounds**

**Swabbed load oil after which well started flowing natural.**

Result of Production Stimulation

**Floved at the rate of 788.40 BOPD on a 1/2" choke, based on a 12 hour test.**Depth Cleaned Out **3157'**

# WORD OF DRILL-STEM AND SPECIAL TE

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 1199 feet, and from -- feet to -- feet.  
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet.

## PRODUCTION

Put to Producing July 24, 1955

OIL WELL: The production during the first 24 hours was 788.40 barrels of liquid of which 98.8% was oil; --% was emulsion; --% water; and 0.2% was sediment. A.P.I. Gravity 34.0

GAS WELL: The production during the first 24 hours was -- M.C.F. plus -- barrels of liquid Hydrocarbon. Shut in Pressure -- lbs.

Length of Time Shut in --

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. 1298	T. Devonian	T. Ojo Alamo	
T. Salt. 1338	T. Silurian	T. Kirtland-Fruitland	
B. Salt. 2168	T. Montoya	T. Farmington	
T. Yates. 2338	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers. 2578	T. McKee	T. Menefee	
T. Queen. 3140	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs	T.	T.	
T. Abo	T.	T.	
T. Penn.	T.	T.	
T. Miss.	T.	T.	

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	251	251	Sand and caliche				
251	1298	1047	Red beds				
1298	1338	60	Anhydrite				
1338	2168	810	Salt				
2168	2338	170	Anhydrite				
2338	2498	160	Sand				
2498	3140	642	Anhydrite				
3140	3199	19	Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Union Oil Co. of California Address 619 W. Texas Ave., Midland, Texas  
Name James E. Ryan Position or Title Assistant Division Engineer  
Date July 26, 1955