



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE
Santa Fe, New Mexico

1957 OCT 17 AM 10:24
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. If State Land submit 6 Copies

Union Oil Company of California
(Company or Operator)

R. W. Dimean
(Lease)

Well No. 1-6, in SE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 6, T. 13-S, R. 36-E, NMPM.

Wildcat

Pool, Lea

County.

Well is 330 feet from South line and 330 feet from East line of Section 6. If State Land the Oil and Gas Lease No. is -

Drilling Commenced April 16, 1957. Drilling was Completed September 26, 1957.

Name of Drilling Contractor Delta Drilling Company

Address Citizens National Bank Building, Tyler, Texas

Elevation above sea level at Top of Tubing Head 4005.5'. The information given is to be kept confidential until -, 19-.

OIL SANDS OR ZONES

No. 1, from 10,285 to 10,365 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 14,360 to 14,393 feet. 6650' rise in 4-1/2 d.p.
No. 2, from - to - feet. during 3 hour D.S.T.
No. 3, from - 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 |
|------------|-----------------|-------------|----------|---------------------|---------------------|--------------|------------------|
| 11-3/4" | 42# | New | 291.17 | Reamed out & reamed | - | - | Surface casing |
| 8-5/8" | 32# & 24# | New & Used | 4510.10 | Guide shoe | - | - | Salt string |
| 5-1/2" | 20, 17, 15.5# | New | 10472.63 | Guide shoe | - | See below | Production casg. |
| 2" BUE Tbg | 4.70# | New | 10374.92 | - | - | - | Tbg. String |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 15" | 11-3/4" | 306.17 | 350 | P & P | - | - |
| 11" | 8-5/8" | 4524.59 | 500 | P & P | - | - |
| 7-7/8" | 5-1/2" | 10486.63 | 400 | P & P | - | - |

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 5-1/2" casing as follows and treated as indicated:
10,360-64' w/6 holes per foot and treated w/500 gallons mud acid
10,331-45' w/4 holes per foot
10,285-298' w/4 holes per foot and treated w/500 gallons mud acid & 5000 gal. reg. acid
Result of Production Stimulation Ran production string of 2" tbg., swabbed fluid level to 4000' and well kicked off and flowed for potential.

Depth Cleaned Out 10,410'

JORD OF DRILL-STEM AND SPECIAL TESTS

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 Zero feet to 14,393 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing October 13, 19 57

OIL WELL: The production during the first 24 hours was 240 barrels of liquid of which 99.6 % was
was oil; - % was emulsion; - % water; and 0.4 % was sediment. A.P.I.
Gravity 43.00

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..... | 2,130 | T. Devonian..... | 14,012 | T. Ojo Alamo..... | |
| T. Salt..... | 2,255 | T. Silurian..... | | T. Kirtland-Fruitland..... | |
| B. Salt..... | 2,929 | T. Montoya..... | | T. Farmington..... | |
| T. Yates..... | 3,035 | T. Simpson..... | | T. Pictured Cliffs..... | |
| T. 7 Rivers..... | - | T. McKee..... | | T. Menefee..... | |
| T. Queen..... | 3,820 | T. Ellenburger..... | | T. Point Lookout..... | |
| T. Grayburg..... | 4,160 | T. Gr. Wash..... | | T. Mancos..... | |
| T. San Andres..... | 4,424 | T. Granite..... | | T. Dakota..... | |
| T. Glorieta..... | 5,910 | T. | | T. Morrison..... | |
| T. Drinkard..... | 6,377 | T. | | T. Penn..... | |
| T. Tubbs..... | 7,337 | T. | | T. | |
| T. Abo..... | 8,102 | T. | | T. | |
| T. Penn..... | 10,532 | T. | | T. | |
| T. Miss..... | 12,757 | T. | | T. | |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|--------|--------|----------------------|---|--------|--------|----------------------|-----------|
| 0 | 190 | 190 | Sand and caliche | 13,212 | 13,978 | 766 | Lime |
| 190 | 2,130 | 1940 | Red beds | 13,978 | 14,012 | 34 | Shale |
| 2,130 | 2,255 | 125 | Anhy. | 14,012 | 14,393 | 381 | Lime |
| 2,255 | 2,929 | 674 | Salt | | | | |
| 2,929 | 3,035 | 106 | Anhy. | | | | |
| 3,035 | 3,175 | 140 | Sand and anhy. | | | | |
| 3,175 | 3,820 | 645 | Anhy. and salt | | | | |
| 3,820 | 4,160 | 340 | Sand and anhy. | | | | |
| 4,160 | 4,424 | 264 | Anhy. and shale | | | | |
| 4,424 | 5,800 | 1376 | Lime | | | | |
| 5,800 | 7,500 | 1700 | Lime & anhy. w/stks of sand | | | | |
| 7,500 | 8,120 | 620 | Lime | | | | |
| 8,120 | 8,590 | 470 | Shale & lime | | | | |
| 8,590 | 9,320 | 730 | Lime and shale | | | | |
| 9,320 | 10,020 | 700 | Lime | | | | |
| 10,020 | 10,290 | 270 | Shale and lime | | | | |
| 10,290 | 11,155 | 865 | Lime and shale | | | | |
| 11,155 | 11,800 | 645 | Shale and lime | | | | |
| 11,800 | 12,440 | 640 | Sandy lime s/stks. of shale and sand | | | | |
| 12,440 | 12,610 | 170 | Sand and shale | | | | |
| 12,610 | 12,755 | 145 | Shale and lime | | | | |
| 12,755 | 13,006 | 251 | Lime | | | | |
| 13,006 | 13,212 | 206 | Lime and shale | | | | |

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.

October 15, 1957
(Date)

Company or Operator Union Oil Co. of California

Address 619 West Texas Ave., Midland, Texas

Name R. W. Gailor Jr.

Position or Title Drilling Supt.