



NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE O. Santa Fe, New Mexico

Oct 30 3 28 PM '63

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Union Oil Company of California

(Company or Operator)

South Caprock Queen Unit - Tract 29

(Lease)

Well No. 7-44, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 20, T. 15-S, R. 31-E, NMPM.

Caprock Queen

Pool,

Chaves County.

Well is 1980 feet from North line and 2310 feet from East line

of Section 20. If State Land the Oil and Gas Lease No. is B-10420-137

Drilling Commenced October 13, 1963 Drilling was Completed October 18, 1963

Name of Drilling Contractor Rod Ric Corporation

Address P. O. Box 1767, Midland, Texas

Elevation above sea level at Top of Tubing Head 4429.81 The information given is to be kept confidential until

--, 19--

OIL SANDS OR ZONES

No. 1, from N to No. 4, from to

No. 2, from O to No. 5, from to

No. 3, from E 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 E 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 |
|---|-----------------|-------------|---------|-------------------|---------------------|---------------|------------------|
| 8-5/8" | 24# | Used | 348.21 | End cut & beveled | -- | -- | Surface casing |
| 4-1/2" | 9.5# | New | 3211.31 | Guide | -- | 3164.5-3172.5 | Prod. casing |
| | | | | | | 3178.5-3179.5 | |
| 2" EUE | 4.7# | Used | 3027.96 | -- | -- | -- | Inj. tbg. string |
| 2" Plastic coated tbg. landed at 3036.90' with Baker tension packer at 3034.96' | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 11" | 8-5/8" | 360.11 | 225 bx. | P & P | -- | -- |
| 7-7/8" | 4-1/2" | 3223.71 | 300 bx. | P & P | -- | -- |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Treated perms. 3164.5 - 3172.5 and 3178.5 - 3179.5' with 1000 gallons 7 1/2% Unisol acid, 750 gallons Xylene and 1000 gallons of distillate.

Result of Production Stimulation Well injected water at rate of 84 barrels per 24 hours at 880#

pressure. Placed on injection October 26, 1963, per authorization of Administrative

Order No. WFX 152. Depth Cleaned Out

RECORD 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

301770 28800
TOOLS USED

Rotary tools were used from 0 feet to 303 feet and from 303 feet to 322 feet.
Cable tools were used from 303 feet to 322 feet, and from 322 feet to 322 feet.

Placed on injection ~~XXXXXXXXXX~~ INJECTION

~~XXXXXXXXXX~~ Injection rate October 26, 1963

WELL: The ~~XXXXXXXXXX~~ during the first 24 hours was 84 barrels ~~XXXXXXXXXX~~ % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.

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. | 1304 | | T. Devonian | | T. Ojo Alamo |
| T. Salt | 1420 | | T. Silurian | | T. Kirtland-Fruitland |
| B. Salt | 2190 | | T. Montoya | | T. Farmington |
| T. Yates | 2364 | | T. Simpson | | T. Pictured Cliffs |
| T. 7 Rivers | 2525 | | T. McKee | | T. Menefee |
| T. Queen | 3159 | | 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 | 303 | 303 | Sand and caliche | | | | |
| 303 | 1304 | 1001 | Red beds | | | | |
| 1304 | 1387 | 83 | Anhydrite | | | | |
| 1387 | 1420 | 33 | Red beds | | | | |
| 1420 | 2190 | 770 | Salt | | | | |
| 2190 | 2364 | 174 | Anhydrite | | | | |
| 2364 | 2525 | 161 | Sand | | | | |
| 2525 | 3159 | 634 | Anhydrite | | | | |
| 3159 | 3181 | 22 | Sand | | | | |
| 3181 | 3226 | 45 | Anhydrite | | | | |

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 29, 1963 (Date)

Company or Operator Union Oil Company of California Address 619 West Texas Avenue, Midland, Texas

Name Lee Meeker Position or Title Production Clerk