



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico OFFICE OCC

1961 MAY 25 AM 8:25
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, Operator, South Caprock Queen Unit Tract # 61
(Company or Operator) (Lease)

Well No. 1-7, in NE 1/4 of NE 1/4, of Sec. 7, T. 15 S., R. 31 E., NMPM.
Caprock Queen Pool, Chaves County.

Well is 990' feet from North line and 450' feet from East line of Section 7. If State Land the Oil and Gas Lease No. is Patented

Drilling Commenced March 29, 1961, Drilling was Completed April 4, 1961

Name of Drilling Contractor Blue Pacific Drilling Company

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 4450'. The information given is to be kept confidential until 1961.

OIL SANDS OR ZONES

No. 1, from 3099' to 3116' No. 4, fromto.....
No. 2, fromto..... No. 5, fromto.....
No. 3, fromto..... No. 6, fromto.....

IMPORTANT WATER SANDS

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

No. 1, fromto.....feet.
No. 2, fromto.....feet.
No. 3, fromto.....feet.
No. 4, fromto.....feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	24#	New	306'	Plain			Surface
4 1/2"	9.5#	New	3135'	Guide		3099'-3116'	Production

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"	320'	175	Pump & Plug		
6 3/4"	4 1/2"	3146'	300	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

5-18-61: Treated perms. 3099'-3116' w/500 gal Wilson MEC Acid. FBD @ 4000 psi.

Treated @ 2 BPM @ 1400 psi and 1 BPM @ 700 psi. Shut down. Tubing went on vacuum inmed.

Result of Production Stimulation Swabbed tubing dry. Recovered approx. 10 bbls water and acid. Well blew small amount of gas TSTM.

Depth Cleaned Out Etd. 3125'

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

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet.
 Cable tools were used from **Surface** feet to **3150' T.D.** feet, and from feet to feet.

PRODUCTION

Put to Producing **5 - 18**, 19 **61**.

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

GAS WELL: The production during the first 24 hours was **TSTM** 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.....	1400	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1550	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2150	T. Montoya.....	T. Farmington.....
T. Yates.....		T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	3098	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	250	250	Caliche, sand & shale				
250	1400	1150	Red Bed				
1400	1550	150	Anhydrite				
1550	2150	600	Salt				
2150	3098	948	Anhydrite and salt				
3098	3116	18	Sand				
3116	3150	34	Anhydrite and 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.

May 24, 1961

Company or Operator **Union Oil Company of California** Address **205 East Washington, Lovington, N. M.**
 Name **ORIGINAL SIGNED A. T. Mannon** Position **Unit Superintendent**
 BY **A. T. MANNON**