

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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Union Oil Company of California
(Company or Operator)

State 10
(Lease)

Well No. 1-23, in SW 1/4 of SW 1/4, of Sec. 23, T. 15-S, R. 32-E, NMPM.

Indesignated Pool, Lea County.

Well is 530 feet from south line and 990 feet from west line of Section 23. If State Land the Oil and Gas Lease No. is 00-5937

Drilling Commenced November 21, 1961. Drilling was Completed December 30, 1961

Name of Drilling Contractor Durham Drilling Company

Address P. O. Box 604, Midland, Texas

Elevation above sea level at Top of Tubing Head 4327. The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from 9950 to 9972 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 H to feet.

No. 2, from 0 to feet.

No. 3, from H to feet.

No. 4, from E 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	594.44	End cut			Surface casing
8-5/8"	32.2	"	4104.91	3 beveled			Intermediate casing
4-1/2"	11.6	"	10019.72	Guide		9950-9972'	Production casing
2" JOC	4.7	"	9809.13	Per 79812			

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"	610.05	500	P & P		
11"	8-5/8"	4119.23	600	P & P		
7-7/8"	4-1/2"	10032.44	500	P & P		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perforations 9950-9972' with 1000 gallons of regular acid with 15% HF additives; then re-perforated interval 9950-9972' with 2 holes per foot

Result of Production Stimulation Swabbed 68.68 barrels of fluid in 2 hours after which the well kicked off and started flowing for potential test at rate of 171.5 BOPD

Depth Cleaned Out 9984'

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 0 feet to 10,033 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 4, 1962

OIL WELL: The production during the first 24 hours was 171.34 barrels of liquid of which 99.8% was oil; % was emulsion; % water; and 0.2% was sediment. A.P.I. Gravity 41.5°

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. 1345	T. Devonian	T. Ojo Alamo
T. Salt. 1500	T. Silurian	T. Kirtland-Fruitland
B. Salt. 2420	T. Montoya	T. Farmington
T. Yates. 2520	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 4090	T. Granite	T. Dakota
T. Glorieta 5705	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs 6935	T.	T.
T. Abo 7660	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	285	285	Sand and caliche				
285	1345	1060	Red beds				
1345	1500	155	Anhydrite				
1500	2420	920	Salt				
2420	2520	100	Anhydrite				
2520	2800	280	Sand and anhydrite				
2800	4090	1290	Anhydrite and sand				
4090	5705	1615	Dolomite				
5705	6295	590	Dolomite and sand				
6295	6935	640	Dolomite				
6935	7035	150	Sand and dolomite				
7035	7660	575	Dolomite				
7660	8005	345	Shale and dolomite				
8005	8960	955	Dolomite				
8960	9180	220	Lime				
9180	9905	725	Lime and shale				
9905	10033	128	Lime				

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.

January 8, 1962 (Date)
Company or Operator Union Oil Company of California Address 519 West Texas Avenue, Midland, Texas
Name Paul Necker Position or Title Production Clerk