



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Union Oil Company of California
(Company or Operator)

State "A"
(Lease)

Well No. 1-33 in SW 1/4 of SW 1/4, of Sec. 33, T. 15-S, R. 32-E, NMPM.
Anderson Ranch Wolfcamp and Undesignated Devonian Pool, Lea County.

Well is 330 feet from south line and 330 feet from west line of Section 33. If State Land the Oil and Gas Lease No. is B-8974

Drilling Commenced July 20, 1960 Drilling was Completed October 3, 1960

Name of Drilling Contractor Durham Drilling Company

Address P. O. Box 204, Midland, Texas

Elevation above sea level at Top of Tubing Head 4310' The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 9833 to 9910 (Wolfcamp) No. 4, from to
No. 2, from 13,378 to 13,408 (Devonian) 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 E to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8	54.5848#	New	587.27	Cut and welded	-	-	Surface
9-5/8"	36#	New	4152.49	Guide	-	-	Intermediate
7	23.26, & 29#	New	13,385.32	Guide	-	9754-9762*	Production
* Perfs. 9754-9762 squeezed w/500 gallons coalment				Stage	-	9852-9861 9870-9876	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8	601.62	700	P & P	-	-
12-1/4	9-5/8	4167.14	700	P & P	-	-
8-3/4"	7	13,397.49	900	P & P	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Devonian open hole zone 13,398-13,408' completed natural without treatment.

Wolfcamp perfs. 9852-9861 and 9870-9876 treated with 1500 gallons of 15% regular acid.

Result of Production Stimulation Swabbed acid load from Wolfcamp zone following treatment and well kicked off and flowed 144.29 bbls. of oil in 14 hours.

Depth Cleaned Out 13,408' T.D.

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 13,408 feet, and from " feet to " feet.
Cable tools were used from " feet to " feet, and from " feet to " feet.

PRODUCTION

Wolfcamp: 11-4-60
Put to Producing Devonian: 11-5-60
Wolfcamp: 200.40 bbls. of liquid of which 99.8% was oil.
Devonian: 294.11 barrels of liquid of which 99.8% was oil.
OIL WELL: The production during the first 24 hours was
Wolfcamp: - % was emulsion; - % water; and 0.2% was sediment. A.P.I.
Devonian: was oil; - % was emulsion; - % water; and 0.2% was sediment. A.P.I.
Gravity Wolfcamp: 37.78
Devonian: 34.28

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	1312	T. Devonian	13,378	T. Ojo Alamo			
T. Salt	1420	T. Silurian		T. Kirtland-Fruitland			
B. Salt	2402	T. Montoya		T. Farmington			
T. Yates	2532	T. Simpson		T. Pictured Cliffs			
T. 7 Rivers	-	T. McKee		T. Menefee			
T. Queen	3350	T. Ellenburger		T. Point Lookout			
T. Grayburg	-	T. Gr. Wash		T. Mancos			
T. San Andres	4095	T. Granite		T. Dakota			
T. Glorieta	5675	T.		T. Morrison			
T. Drinkard	-	T.		T. Penn			
T. Tubbs	6890	T.		T.			
T. Abo	7610	T.		T.			
T. Penn	10,070	T.		T.			
T. Miss	12,700	T.		T.			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	350	350	Sand and Caliche	9790	10,050	260	Lime
350	1312	962	Red Beds	10,050	10,500	450	Lime and Shale
1312	1420	108	Anhydrite	10,500	11,885	1,385	Shale and Lime
1420	2402	982	Salt	11,885	12,245	360	Sand and Shale
2402	2532	130	Anhydrite	12,245	12,608	363	Lime and Shale
2532	2790	258	Sand and Anhydrite	12,608	13,293	685	Lime
2790	3770	980	Anhydrite and Dolomite	13,293	13,378	85	Shale
3770	5675	1905	Dolomite	13,378	13,408	30	Dolomite
5675	6230	555	Dolomite and Sand				
6230	6890	660	Dolomite				
6890	6990	100	Sand				
6990	7880	890	Dolomite				
7880	8925	1045	Dolomite				
8925	9300	375	Lime				
9300	9790	490	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.

November 8, 1960

Company or Operator Union Oil Company of California Address 619 West Texas Avenue, Midland, Texas
Name R. W. Yarbrough Position or Title Drilling Supt.