



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

(Lease)

Well No. 1-7, in NW 1/4 of NW 1/4, of Sec. 7, T. 15-S, R. 35-E, NMPM.

Wildcat

Pool, Lea

County.

Well is 660 feet from North line and 660 feet from West line

of Section 7. If State Land the Oil and Gas Lease No. is K-2543

Drilling Commenced September 8, 1964 Drilling was Completed October 26, 1964

Name of Drilling Contractor Cactus Drilling Corp.

Address P. O. Box 32, Midland, Texas

Elevation above sea level at Top of Tubing Head 4052' The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from 10,383 to 10,391 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 None to feet.

No. 2, from to feet.

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/Used	331.11	End cut & beveled			Surface
8-5/8"	24 & 32#	New	4607.31	Guide			Intermediate
5-1/2"	15.5 & 17#	New	10681.95	Guide		10383-10391	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
15"	11-3/4"	352'	505	P & P		
11"	8-5/8"	4686'	500	P & P		
7-7/8"	5-1/2"	10700'	400	P & P		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perfs. 10,383-10,391' w/2500 gals. acid.

Result of Production Stimulation Well kicked off and flowed for potential test

Depth Cleaned Out 10,618'

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 10,700 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 31, 1964
OIL WELL: The production during the first 24 hours was 220 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 44.6°
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	1874	T. Devonian	T. Ojo Alamo
T. Salt	1980	T. Silurian	T. Kirtland-Fruitland
B. Salt	2900	T. Montoya	T. Farmington
T. Yates	3032	T. Simpson	T. Pictured Cliffs
T. 7 Rivers		T. McKee	T. Menefee
T. Queen	3850	T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash	T. Mancos
T. San Andres	4586	T. Granite	T. Dakota
T. Glorieta		T.	T. Morrison
T. Drinkard		T.	T. Penn
T. Tubbs	7350	T.	T.
T. Abo	8107	T.	T.
T. multifacamp -Upper	9590	T.	T.
T. multifacamp -Lower	10148	T.	T.
T. Penn.	10670		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	235	235	Caliche & sand				
235	1874	1639	Red beds				
1874	1980	106	Anhydrite				
1980	2900	920	Salt				
2900	3032	132	Anhydrite				
3032	4280	1248	Anhydrite & red beds				
4280	4586	306	Anhydrite & dolomite				
4586	7350	2764	Dolomite				
7350	7530	180	Sand & dolomite				
7530	8107	577	Dolomite				
8107	9592	1485	Dolomite & shale				
9592	10489	897	Lime & shale				
10489	10700	211	Lime & dolomite				

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.

C. H. Dixon November 3, 1964 (Date)
Company or Operator Union Oil Company of California Address 619 West Texas Avenue, Midland, Texas
Name C. H. Dixon Position or Title Production Clerk

UNION OIL COMPANY OF CALIFORNIA

STATE 1-7

In accordance with Rule 111 results of deviation surveys made on the Union Oil Company of California State 1-7 are furnished as follows:

ANGLE	DEPTH	ANGLE	DEPTH	ANGLE	DEPTH
3/4	150	1-1/4	4542	2-1/4	8348
1/2	350	1-1/4	4626	2	8726
1	625	1	4840	1-1/2	9180
1/2	1125	1	5447	2	9453
1/2	2030	3/4	5815	2	9540
3/4	2391	1	6060	2-1/4	9680
3/4	2900	1/4	6470	1-3/4	10081
1-1/4	3542	1-1/4	6760	1-1/4	10140
2	3957	1	6970	1-1/2	10242
1/2	4359	1/4	7616	1-1/4	10500

I hereby certify that all deviation tests set forth above are true and correct to the best of my knowledge.

C. W. Dixon

for UNION OIL COMPANY OF CALIFORNIA

Subscribed and sworn to before me, a Notary Public in and for Midland County, Texas, this 3rd day of November 1964.

Belle Grimes
Belle Grimes

- DST #1: 9610-80' (Hueco) Tool open 1 hr. Recovered 1953° gas & 30° slightly gas-cut drilling mud.
- DST #2: 10,104-40' (Cherry Bros.) Tool open 1 hr. Recovered 6975° gas in drill pipe & 120' slightly oil & gas-cut drilling mud.
- DST #3: 10,317-51' (Wolfcamp) Tool open 2-1/2 hrs. Oil to surface in 20 mins. Flowed 15.2 bbls. oil in 1 hr. on 1/4" choke. Total recovery 73.6 bbls. oil & 150° heavily oil & gas-cut drilling mud.
- DST #4: 10,360-410' (Wolfcamp) Tool open 3-1/4 hrs. Oil to surface after 1-3/4 hrs. Flowed 6.4 bbls. oil in 1/2 hr. on 1" choke. Total recovery 36.8 bbls. oil & 90° black oil & gas-cut drilling mud.
- DST #5: 10,419-500' (Wolfcamp) Tool open 1-1/2 hrs. Recovered 4742° slightly salty sulphur water.
- CORE #1: 10,353-410'. Recovered 14' dense limestone with few scattered fracs w/vugs w/good show, 15.5' dense limestone w/thin shale streaks, 10.5' limestone fair to good vuggy porosity w/good show oil, 14.5' dense limestone w/thin shale streaks, 2.5' limestone fair to good small vuggy porosity w/good show.
- CORE #2: 10,410-58-1/2'. Recovered 48-1/2' being dense lime w/few thin shale partings bleeding oil, gas, & water from tight fracs at 10,421-6', 10,453-5'.
- CORE #3: 10,459-99' Recovered 39' being fossiliferous & dense lime & XLN dolomite bleeding oil, gas, & water from poor irregular vugs.
- CORE #4: 10,500-14' Recovered 10' very badly broken dolomite & lime w/open fracs, fair to good vuggy porosity w/good oil fluorescence, bleeding oil, gas & water from tight fracs & small porosity.