


NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD

RECEIVED  
JAN 18 1961  
O. C. C.  
ARTESIA, OFFICE

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

W. F. Waller

(Company or Operator)

(Lease)

Well No. 1-27, in SE 1/4 of NW 1/4, of Sec. 27, T. 12-S, R. 28-E, NMPM.  
Wildcat Pool, Chaves County.

Well is 2310 feet from North line and 2310 feet from West line  
of Section 27. If State Land the Oil and Gas Lease No. is -

Drilling Commenced September 9, 1959 Drilling was Completed November 1, 1959

Name of Drilling Contractor L. R. French Drilling Company

Address P. O. Box 5184, Midland, Texas

Elevation above sea level at Top of Tubing Head Well abandoned The information given is to be kept confidential until  
19 -

OIL SANDS OR ZONES

No. 1, from None to - 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 N to - feet.  
No. 2, from 0 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 1/2	New	32.00	End cut & beveled	-	-	conductor Pipe
8-5/8"	24 1/2	New	1903.00	Guide shoe	-	-	Intermediate string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	32'	15	P & P	-	-
11"	8-5/8"	1910'	90 Units High Yield Slurry	400 P & P	-	-
			& 200 sz. cut.			

RECORD OF PRODUCTION AND STIMULATION

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

Well was not treated.

Result of Production Stimulation

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

TOOLS USED

Rotary tools were used from 0 feet to 8360 feet, and from - feet to - feet.  
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing Dry, 19

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 - 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.	200	T. Devonian.	8235	T. Ojo Alamo.	
T. Salt.	260	T. Silurian.		T. Kirtland-Fruitland.	
B. Salt.	315	T. Montoya.		T. Farmington.	
T. Yates.	360	T. Simpson.		T. Pictured Cliffs.	
T. 7 Rivers.	-	T. McKee.		T. Menefee.	
T. Queen.	1042	T. Ellenburger.		T. Point Lookout.	
T. Grayburg.	-	T. Gr. Wash.		T. Mancos.	
T. San Andres.	1620	T. Granite.		T. Dakota.	
T. Glorieta.	2850	T.		T. Morrison.	
T. Drinkard.	-	T.		T. Penn.	
T. Tubbs.	4400	T.		T.	
T. Abo.	5200	T.		T.	
T. Penn.	6220	T.		T.	
T. Miss.	7610	T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	200	200	Sand and shale				
200	305	105	Anhy.				
305	360	55	Anhy. and salt				
360	490	130	Sand and anhy.				
490	884	394	Anhy.				
884	1042	158	Anhy. and sand				
1042	1620	578	Sand and shale				
1620	2390	770	Dolomite				
2390	2755	365	Lime				
2755	2967	212	Dolomite				
2967	3185	218	Sand and dolomite				
3185	4400	1215	Dolomite and anhy.				
4400	4545	145	Sand and anhy.				
4545	5200	655	Dolomite				
5200	5585	385	Shale				
5585	6205	620	Dolomite				
6205	7595	1390	Lime and shale				
7595	8030	435	Lime				
8030	8235	205	Shale and lime				
8235	8360	125	Lime and dolomite				

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies	Received	5
DISTRIBUTION		
	NO. FURNISHED	
OPERATOR		
SANTA FE	1	
PRODUCTION OFFICE		
STATE LAND OFFICE		
U. S. G. S.	2	
TRANSPORTER		
FILE	1	✓
BUREAU OF MINES	1	

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 5, 1959

(Date)

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

Name. R. W. Johnson Position or Title. Drilling Supt.

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ARTESIA OFFICE

Union Oil Company of California

W. F. Waller No. 1-27

Core and Drill Stem Test Data

Core Data

Core No. 1 8210-8245': Rec'd. 35' shale, lime and dolomite with 5-1/2' dense shaly lime slightly bleeding oil and gas.

Core No. 2 8245-8259': Rec'd. 14' shaly dolomite with chert and pyrite inclusions.

D.S.T. Data

D.S.T. No. 1 7595-7737': Tool open 1-1/4 hours with good blow for 70 minutes and fair blow thereafter. Rec'd 110 feet slightly oil and gas cut mud.

D.S.T. No. 2 8188-8261': Tool open 53 minutes with fair blow and packer failed. Rec'd 630 feet of uncontaminated drilling mud.

D.S.T. No. 3 8275-8360': Tool open 2 hours with strong air blow decreasing to fair blow. Rec'd 7400 feet of salt water.

RECEIVED  
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AREATA, CALIF.

Union Oil Company of California

W. H. Miller No. 1-24

Core and Drill Stem Test Data

Core Data

Core No. 1 8210-8212': Rec'd. 32' shale, lime and dolomite with 2-1/2' dense sandy lime slightly bleeding oil and gas.  
Core No. 2 8247-8252': Rec'd. 14' sandy dolomite with chert and pyrite inclusions.

D.S.T. Data

D.S.T. No. 1 7502-7507': Tool open 1-1/4 hours with good flow for 70 minutes and fair flow thereafter. Rec'd 110 feet slightly oil and gas cut mud.  
D.S.T. No. 2 8188-8201': Tool open 35 minutes with fair flow and pressure failed. Rec'd 100 feet of uncontaminated drilling mud.  
D.S.T. No. 3 8245-8260': Tool open 2 hours with strong air blow decreasing to fair flow. Rec'd 1700 feet of salt water.