



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.

Jake L. Hamon & Warren Petroleum Corporation  
(Company or Operator)

W.V. Lawrence "C"  
(Lease)

Well No. 1, in NE  $\frac{1}{4}$  of NW  $\frac{1}{4}$  of Sec. 24, T. 17 S, R. 38 E, NMPM.

Undesignated

Pool,

Lea

County.

Well is 660' feet from North line and 1980' feet from West line

of Section 24. If State Land the Oil and Gas Lease No. is

Drilling Commenced 11-1, 1955 Drilling was Completed 2-17-, 1956

Name of Drilling Contractor A.W. Thompson, Inc.

Address Box 2524 Houston, Texas

Elevation above sea level at Top of Tubing Head 3667  
The information given is to be kept confidential until  
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### OIL SANDS OR ZONES

No. 1, from 12,152 to 12,234 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
13-3/8	48	New	296	Baker	None	None	Surface
9-5/8	36 & 40	New	5002	Baker	None	None	Intermediate
5-1/2	17 & 20	New	12179	Halliburton	None	None	Oil String
2" EUE	4.7	New	12167	Guiberson	None	12161-12167	Tubing

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	296	350	Pump & Plug		
12-1/4	9-5/8	5002	2450	Pump & Plug		
8-3/4	5-1/2	12179	500	Pump & Plug		

### RECORD OF PRODUCTION AND STIMULATION

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

None

Result of Production Stimulation

Depth Cleaned Out

CORD 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 12,234 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 17, 1956

OIL WELL: The production during the first 24 hours was 326 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity 47°

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	2305		T. Devonian	12152	
T. Salt	2460		T. Silurian		
B. Salt	3430		T. Montoya		
T. Yates	3520		T. Simpson		
T. 7 Rivers			T. McKee		
T. Queen			T. Ellenburger		
T. Grayburg	4690		T. Gr. Wash		
T. San Andres	5360		T. Granite		
T. Glorieta			T.		
T. Drinkard			T.		
T. Tubbs	8360		T.		
T. Abo			T.		
T. Penn			T.		
T. Miss	11280		T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2305	2305	Red bed				
2305	4690	2385	Anhy, Salt & Red Sh.				
4690	5360	670	Dolo, Aphy & Red Sh.				
5360	8360	3000	Dolo & Chert				
8360	11280	2920	Li, chert & Shale				
11280	12030	3670	Li & chert				
12030	12152	122	Black Shale				
12152	12234	82	Li & 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.

Company or Operator Jake L. Hemon & Warren Pet. Corp. 102 Western Bldg. Midland, Texas  
Name J. W. Shaw Position or Title Engineer  
2-21-56 (Date)

CORE AND DRILL STEM TEST

RECORD

LAWRENCE #1-C

Core #1, 12,136'-12,161', recovered 23' being:

- 16' shale
- 5' lime
- 2' vuggy lime, w/stain and fluorescence

DST #1, 12,154'-12,161', open 1 1/2 hrs, weak blow for 30 mins & died, rec. 20' mud, tool partially plugged, no pressures.

Core #2, 12,161'-12,171', recovered 10' being:

- 12,161'-166', 50% white crystalline dolomite, 50% lime (fractured oil stains on fracture planes, trace fluorescence and odor)
- 12,166'-171', white crystalline limestone, slightly fractured stain along fracture planes

DST #2, 12,156'-171', 5/8" x 1" chokes, open 4 hours, fair to medium blow thruout test, rec. 10' oil cut mud, plus 2750' gas in drill pipe, IFP 90#, SIP 190#/30 mins

CORE #3, 12,171'-12,181', recovered 9' being:

- 12,171'-12,180', tan crystalline limestone, no porosity and no odor

CORE #4, 12,181'-12,191', recovered 11' (1' from previous core)

- 12,180'-188' tan crystalline limestone, NS
- 12,188'-191', white crystalline limestone, NS

CORE #5, 12,191'-12,201', recovered 10' being:

- 12,191'-194', white crystalline dolomite, scattered medium vugs, good stain & fluorescence (effective)
- 12,194'-196½', tan crystalline limestone, NS
- 12,196½'-199', white crystalline dolomite, bleeding oil, scattered vugs, stain & fluorescence
- 12,199'-200', brown crystalline dolomite, NS
- 12,200'-201', white medium to coarse crystalline dolomite, bleeding oil, medium vugs, stain & fluorescence (effective)

DST #3, 12,170'-12,201', 5/8" x 1" chokes, open 5 hrs, gas to surface 33 mins, pulled 13 stands dry pipe, reversed out 20 bbls clean oil or 2667' in pipe above circ. sub; below circ sub 120' dry pipe, 210' HD & GCM, no wtr, IFP 300#, FFP 750#, SIP 4900#/30 mins, Hydro in 5925#, Hydro out 5500#

CORE #6, 12,201'-12,212', recovered 10' being:

- 12,201'-202', white crystalline to coarse crystalline dolomite, scattered medium vugular porosity, good stain & fluorescence
- 12,202'-203', dolomite as above, good vugs, good stain & fluorescence
- 12,203'-206', light gray green crystalline dolomite, barren
- 12,206'-210', white med crystalline dolomite, good inter-crystalline porosity, scattered stain & fluorescence
- 12,210'-211', white crystalline dolomite, scattered vugs, scattered stain and fluorescence

CORE #7, 12,212'-12,221', recovered 9' being:

- 12,212'-214', white medium crystalline dolomite, medium vugs & inter-crystalline porosity, fair stain & fluorescence (effective)
- 12,214'-216', white crystalline dolomite, fractures medium vugs, good stain and fluorescence (effective)
- 12,216'-218', dolomite as above, good vugs, good stain & fluorescence (effective)
- 12,218'-221', tan crystalline dolomite, NS

CORE AND DRILL STEM TEST RECORD

LAWRENCE #1-C

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DST #4, 12,189'-12,221', 5/8" x 1" chokes, No water blanket, open 5 hrs, gas in 12 mins, did not flow, reversed out 32 bbls clean oil or 4000' above tool, below tool 180' dry pipe, 180' oil and gas cut mud, no water, IFP 325#, FFP 2500#, SIP 4875#/30 mins

CORE #8, 12,221'-12,241', recovered 16' being:

12,221'-223', white crystalline dolomite, NS  
12,223'-227', white crystalline dolomite, scattered bleeding oil, scattered vugular porosity, stain & fluorescence  
12,227'-230', white crystalline dolomite, good vugs, good stain & fluorescence (effective)  
12,230'-231', gray crystalline dolomite, NS  
12,231'-233½', white crystalline dolomite, medium vugs, good stain & fluorescence (effective)  
12,233½'-235', brn crystalline dolomite, NS  
12,235'-237', white crystalline dolomite, scattered medium vugs, scattered good stain and fluorescence (effective)

DST#5, 12,190'-12,241', 5/8" x 1" chokes, open 3 hrs & 7 mins, gas to surface 11 mins, oil to surface 68 mins., 1st 30 mins made 10.12 BO; 2nd 30 mins made 18.48 BO; 3rd 30 mins made 16.28 BO; 4th 30 mins made 14.52 BO, total gauge for 2 hrs 59.40 BO, above circ sub reversed out 52 BO, below circ sub recovered 300' dry pipe, 60' heavily oil cut mud, IFP 475#, FFP 3485#, SIP 4675#/30 mins, Hydro in 5880#, Hydro out 5485#.