

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

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

W.V. Lawrence "A"
(Lease)

Well No. 1, in NW 1/4 of NW 1/4, of Sec. 19, T. 17S, R. 39E, NMPM.

Undesignated Pool, Lea County.

Well is 660' feet from North line and 660' feet from West line of Section 19. If State Land the Oil and Gas Lease No. is

Drilling Commenced 11-7-55, 19 Drilling was Completed 2-18-56, 19

Name of Drilling Contractor Coroso Drilling Company

Address 2807 Mercantile Bank Bldg., Dallas, Texas

Elevation above sea level at Top of Tubing Head 3670' The information given is to be kept confidential until, 19

OIL SANDS OR ZONES

No. 1, from 12,109 to 12,184 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	294	Baker	None	None	Surface
9-5/8"	36 & 40	New	4972	Baker	None	None	Intermediate
5-1/2"	17 & 20	New	12131	Halliburton	None	None	Oil String
2"EUE	4.7	New	12112	Quiberson	None	12106-12112	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
17-1/2"	13-3/8"	294	350	Pump & Plug		
12-1/4"	9-5/8"	4972	2600	Pump & Plug		
8-3/4"	5-1/2"	12131	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

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 12184 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 18, 1956
OIL WELL: The production during the first 24 hours was 304 barrels of liquid of which 100 % 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	2335	T. Devonian	12,109'
T. Salt	2490	T. Silurian	
B. Salt	3480	T. Montoya	
T. Yates	3560	T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen		T. Ellenburger	
T. Grayburg	4730	T. Gr. Wash	
T. San Andres	5400	T. Granite	
T. Glorieta		T.	
T. Drinkard		T.	
T. Tubbs	8379	T.	
T. Abo		T.	
T. Penn	11265	T.	
T. Miss		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2335	2335	Red bed				
2335	4730	2395	Anhyd, Salt & Red Sh.				
4730	5400	670	Dolo, anhy & Red Sh.				
5400	8397	2997	Dolo, Chert				
8397	11265	2868	Li, chert & shale				
11265	12018	753	Li, chert				
12018	12109	91	Black Shale				
12109	12184	75	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.

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

CORE AND DRILL STEM TEST

RECORD

LAWRENCE #1-A

CORE #1, 12,092'-12,112', recovered 20' being:

- 17' black shale
- 3' white barren lime

CORE #2, 12,112'-12,125', recovered 11' being:

- 12,112'-115½', tan white crystalline limestone, NS
- 12,115½'-117', brown calcarious fine sand bleeding oil, good stain odor and fluorescence
- 12,117'-118½', gray crystalline limestone, barren
- 12,118½'-120', brown fine tight calcarious sand
- 12,120'-121½', black shale pyrite nodules
- 12,121½'-122', green shale
- 12,122'-123', limestone and shale slight gas odor, no porosity

CORE #3, 12,125'-12,145', recovered 22' (2' from previous core) being:

- 12,123'-125', white crystalline limestone, barren
- 12,125'-127½', white crystalline lime, scattered vugular porosity, slightly bleeding oil, scattered stain & fluorescence
- 12,127½'-130½', gray crystalline limestone, tight fractures
- 12,130½'-133', gray crystalline limestone, slight trace bleeding oil, vugular porosity, good stain & odor, scattered fluorescence (effective)
- 12,133'-139', tan crystalline limestone w/scattered fractures filled w/green shale
- 12,139'-141', tan crystalline limestone scattered vugular porosity bleeding oil, good stain odor, scattered fluorescence
- 12,141'-143½', white crystalline limestone, slightly fractured filled w/black shale, NS
- 12,143½'-145', white crystalline dolomite w/micaceous inclusions, scattered bleeding oil, scattered medium vugular porosity (effective)

DST #1, 12,113'-12,145', 5/8" x 1" chokes, no water blanket, open 5 1/2 hours, gas to surface 1 hr & 12 mins, rec. 180' oil, 300' HO & GCM, IF O#, FFP 120#, SIP 1950#/30 mins, Hydro in 5875#, Hydro out 5650#.

CORE #4, 12,145'-12,165', recovered 20' being:

- 12,145'-145½', white crystalline dolomite, bleeding oil, scattered medium vugular porosity (effective), good stain & fluorescence
- 12,145½'-147½', tan crystalline limestone, barren
- 12,147½'-148', tan crystalline limestone, bleeding oil, scattered vugs, good stain and fluorescence
- 12,148'-151', white crystalline limestone, NS
- 12,151'-153', white crystalline limestone, scattered vugular porosity, good stain and fluorescence
- 12,153'-156', tan crystalline limestone, NS
- 12,156'-157', white crystalline dolomite, bleeding oil, medium vugs stain and fluorescence (effective)
- 12,157'-162' white crystalline dolomite, scattered bleeding oil, scattered vugular porosity, stain & fluorescence
- 12,162'-165', white crystalline dolomite, medium vugs, scattered stain and fluorescence

DST #2, 12,143'-165', 5/8" x 1" chokes, no water blanket, open 5 hrs, gas to surface in 1 hr, pulled 13 stands dry pipe, reversed out 10 bbls clean oil or 703' fluid in pipe above circ. sub, below circ sub 360' HO & GCM, IFP O#, FFP 120#, SIP 4660#/30 mins, Hydro in 5535#, Hydro out 5525#.

CORE AND DRILL STEM TEST RECORD

LAWRENCE #1-A

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CORE #5, 12,165'-12,175', recovered 9½' being:

- 12,165'-167', white crystalline dolomite, tight fractures w/shows in fractures
- 12,167'-169', dolomite as above, vugular porosity, fractures, stain and fluorescence
- 12,169'-172', white medium crystalline dolomite, good vugular, good stain and fluorescence (effective)
- 12,172'-174½', white crystalline dolomite, vugular porosity, good stain and fluorescence (effective)

DST #3, 12,160'-12,175', 5/8" x 1", chokes, no water blanket, gas to surface 15 mins, tool open 1 hr & 15 mins, packer leaked in 1 hr & 10 mins, (mis-run)

DST #4, 12,143'-12,175', 5/8" x 1" chokes, tool open 5 hrs 10 mins, gas in 4 mins, did not flow, rec. 60 bbls clean oil or 4290' above tool, no water, below circ sub 360' HD & GCM, no water, IFP 610#, FFP 1985#, SIP 4610#/30 mins.

CORE #6, 12,175'-12,195', recovered 19½' as follows:

- 12,175',-176', white crystalline dolomite (anhydrite inclusions) scattered med vugular porosity, scattered stain, good fluorescence, bleeding oil, (effective)
- 12,176'-178', gray crystalline dolomite (anhydrite inclusions), scattered bleeding oil, scattered vugular porosity, scattered stain & fluorescence
- 12,178'-179', white crystalline dolomite (anhydrite inclusions), scattered med vugs, scattered good stain & fluorescence (effective)
- 12,179'-181', gray crystalline dolomite, tight fractures, no porosity NS
- 12,181'-182', gray crystalline dolomite, scattered vugular porosity, stain and fluorescence
- 12,182'-191½', gray crystalline dolomite, barren
- 12,191½'-193', white crystalline dolomite, scattered good vugs, good stain and fluorescence (effective)
- 12,193'-194½', white crystalline dolomite, scattered med vugs, scattered stain and fluorescence (effective)

DST #5, 12,144'-12,195', 5/8" x 1" chokes, open 7 hours, gas in 12 mins, did not flow, recovered 8800' fluid above circ sub reversed out 86.35 BO, below circ sub rec. 90' dry pipe, 270' oil cut end, IFP 300#, FFP 2650#, SIP 4600#/30 mins, Hydro in 5650#, Hydro out 5550#.