

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Mid-Continent Petroleum Corporation

Box 830, Midland, Texas

Company or Operator

Address

Dessie Sawyer

Well No. One

in 0 NE of SW

27

T. 9 S

Lease

R. 37 E

N. M. P. M.

Crossroad

Field,

LEA

County.

Well is 1980

feet south of the

North

1980

feet East of the

East

line of Sec. 27-9s-37e

If State land the oil and gas lease is No.

Assignment No.

If patented land the owner is

U. D. Sawyer

Address Crossroad, New Mexico

If Government land the permittee is

Address

The Lessee is

Mid-Continent Petroleum Corporation

Address Box 181, Tulsa, Okla.

Drilling commenced

June 22

19 48

Drilling was completed

January 21

19 49

Name of drilling contractor

The Zephyr Corporation

Address Box 977, Tulsa, Oklahoma

Elevation above sea level at top of casing

4028

feet.

(Ground Elevation)

The information given is to be kept confidential until

No

19

OIL SANDS OR ZONES

No. 1, from

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

to

feet.

No. 2, from

to

ROTARY HOLE

feet.

No. 3, from

to

feet.

No. 4, from

to

feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
L#									
13 3/8	36#	slip jt. Armo	240		None	/			
9 5/8	36#	Eight	455 SS	4617	Guide	/			
5 1/2	20#	Eight	N80 SS	1815	Float	/	12740	12840	
5 1/2	17#	Eight	N80 SS	8403					
12218 ft of 5 1/2 OD Casing									Oil string

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"	13 3/8	240	300	Pump & Plug		
12 1/2	9 5/8	4617	4850	"		
7 7/8	5 1/2	12218	2000	" (3 Stages)		

PLUGS AND ADAPTERS

Heaving plug—Material

Length

Depth Set

Adapters—Material

Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Mud Acid	500 gal	2-8-49	11750-11785	
		Reg Acid	1500 gal	2-11-49	11750-11785	
		Mud Acid	750 gal	2-18-49	11740-11840	

Results of shooting or chemical treatment Flowed 355 bbls in 13 hours

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 12231 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, 19 49

The production of the first 13 hours was 355 barrels of fluid of which 98 % was oil; 2 %

and 0 % water; and % sediment. Gravity, Be 44.6

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

A. L. Webb Driller J. M. Lawrence Driller

J. F. Hall Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 21 st

Midland, Texas

Feb. 21, 1949

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	220	220	Surface sand - Caliche
220	2190	1970	Red Bed - Shells
2190	4115	1925	Anhydrite - Salt - Shells - Gyp
4115	4510	395	Lime - Gyp
4510	5596	1086	Lime
5596	6158	562	Lime - Shale
6158	6410	252	Lime
6410	7097	687	Lime - Gyp - Shale
7097	7700	603	Lime
7700	7920	220	Lime - Shale
7920	8208	388	Lime
8208	8901	693	Lime - Shale - Gyp
8901	11074	2173	Lime
11074	11290	216	Lime - Shale
11290	11295	5	Lime - Chert
11295	11371	76	Lime
11371	11436	65	Lime - Chert
11436	11584	148	Lime
11584	11750	166	Lime - Shale
11750	12231	481	Lime - Dolomite

DRILL STEM TESTS

1. 8-18-48 TD 9040 Packer at 8924 Open 2 hrs. Medium blow when tool opened. No gas. Rec. 3420' salt water.
2. 8-30-48 TD 9447 Packer at 9139 Open 2 hrs. Rec. 225' of drilling mud.
3. 10-1-48 TD 10090 Packer at 10607 Open one hour. Rec. 120' of drilling mud.
4. 10-7-48 TD 10767 Packer at 10667 Open 2 hrs. Blow of air in one hour and 55 minutes; rec. 240' drilling mud, 2 gal oil and a little gas.
5. 12-12-48 TD 11916 Packer at 11801 Open one hour and 15 minutes. Rec. 3000' water blanket and 1350' of drilling mud.
6. 1-26-49

1. 8-9-48 TD 7451 Packer at 7391 Open one hour. Good blow air thru-out test. Recovered 2520' of salt water.
2. 9-16-48 TD 9100 Packer at 9040 Open 30 Min. Recovered 30' of drilling mud. No shows.
3. 10-22-48 TD 10700 Packer at 10600 Open one hour. Slight blow of air thru-out test. Recovered 60' of drilling mud.
4. 11-28-48 TD 11436 Packer at 11310 Open 20 min. light blow air for 12 min. Recovered 2000' water blanket and 270' of drilling mud.
5. 12-12-48 TD 11594 Packer at 11394 Open 30 min. slight blow for 10 min. then died. Recovered 120' drilling mud and 2000' water blanket.
6. 12-18-48 TD 11711 Packer at 11608 Open 30 min. Good blow of air for 20 min. then died. Recovered 3000' water blanket and 30' drilling mud.
7. 12-23-48 TD 11806 Packer at 11743 Open 2 hrs 45 min. Tool opened with good blow. Recovered 8296' oil, 3000' water blanket, and 210' drilling mud.
8. 12-26-48 TD 11880 Packer at 11828 Open 25 min. steady blow air. Recovered 3000' water blanket and 2880' heavily oil cut mud.
9. 1-8-49 TD 11991 Packer at 11880 Open 50 min. Steady blow air for 43 min then died. Recovered 3000' water blanket and 450' oil cut mud.
10. 1-16-49 TD 12100 Packer at 11991 Open 40 min. Strong blow air thru-out test. Recovered 3000' water blanket and 630' heavily oil cut mud.