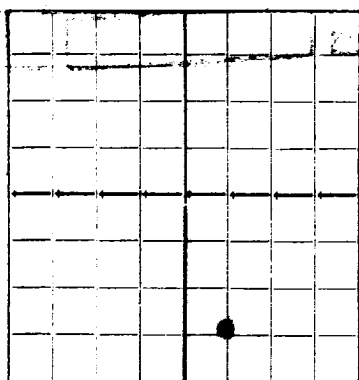


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED  
OFFICEAREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

Mid-Continent Petroleum Corporation

Box 830, Midland, Texas.

Company or Operator

Address

U. D. SAWYER "A"

Well No. 002 in G. S. 27 of Sec. 27, T. 9 South

Lease

R. 36 East, N. M. P. M., Field, L. E. A County.

Well is 660 feet North South of the line and 1980 feet west of the East line of Sec. 27-9S-36E

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is U. D. Sawyer Address Crossroads, New Mexico

If Government land the permittee is Address

The Lessee is Mid-Continent Petroleum Corp., Address Box 381, Tulsa 2 Okla.

Drilling commenced September 1st, 1947 Drilling was completed May 6, 1948

Name of drilling contractor McRay &amp; Stafford Address Tulsa, Oklahoma.

Elevation above sea level at top of casing 1023 feet. (Ground elevation)

The information given is to be kept confidential until No 19

## OIL SANDS OR ZONES

No. 1, from 1020 to 1030 No. 4, from to

No. 2, from 8210 to 840 No. 5, from to

No. 3, from 12106 to 12158 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
13 1/8	36	Left ft.	Armo	214	None	/	-	-	
9 5/8	36	Right	J55 SS	3706	Guide	/			
5 1/2	20	Right	SSO SS	12355	Elect	/	12115	12215	(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	214	300	Pump & Plug		
12 1/2	9 5/8	3706	2000	"		
7 7/8	5 1/2	12,255	700	"		

## 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
		Mad acid	1000 gal	5-6-58	12115-12215	-

Results of shooting or chemical treatment Flamed 995 bbls in 6 hrs and 20 minutes.

## 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 12,258 feet, and from feet to feet

Cable tools were used from 0 feet to 0 feet, and from feet to feet

## PRODUCTION

Put to producing May 6, 1948, 19

The production of the first 24 hrs was 995 barrels of fluid of which 96.5 % was oil; 0 %

emulsion; 3.5 % / water; and % sediment. Gravity, Be Gravity 42.6

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

Rock pressure, lbs. per sq. in.

## EMPLOYEES

J. L. Taylor Driller John Carter Driller

Jim Clark Driller 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 10th

Midland, Texas

5-10-48

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	220	220	Surface sand-caliche
220	700	480	Red Beds
700	2220	1520	Red Bed-Sand-Shells
2220	2330	110	Anhydrite
2330	2850	520	Salt-Anhydrite
2850	3050	200	Sand
3050	3550	500	Anhydrite-Red Beds
3550	4110	560	Sand-Salt
4110	4190	80	Lime
4190	4680	490	Lime-Red Bed
4680	5150	670	Lime
5150	5455	105	Lime-Anhydrite
5455	6800	745	Anhydrite-Sand
6800	6150	150	Lime
6150	6650	300	Lime-Anhydrite-Sand
6650	6950	300	Lime-Little Anhydrite
6950	7400	450	Red Bed-Sand-Lime
7400	7700	300	Lime-Little Anhydrite
7700	8500	800	Green & Red Shale
8500	8960	460	Lime
8960	9510	550	Lime
9510	10570	1060	Lime & Red-Gray Shale
10570	10815	245	Lime
10815	11555	740	Lime-Black Shale-Sand
11555	12106	551	Lime-Chert
12106	12558	452	Lime-Dolomite      Total Depth 12558

## Drill Stem Tests

- 9-25-47 T.D. 4830. Packer at 4800'. Open 2 hours, slight blow of air throughout test, recovered 90' drilling fluid, no oil, gas or water.
- 9-26-47 T.D. 4885. Packer at 4830'. Open 2 hours, steady blow of air throughout test, recovered 60' drilling mud, no shows of any kind.
- 9-29-47 T.D. 5050. Packer at 4944. Open 2 hrs, faint blow of air throughout test. Rec. 65' drilling mud, no shows of any kind.
- 9-29-47 T.D. 4950. Packer at 4882. 2 hr test, rec. 90' drilling mud, rainbow of oil on top of mud.
- 10-11-47 T.D. 5957. Packer at 5830. Open 2 hrs, rec. 40' drilling mud, no shows.
- 3-15-48 T.D. 11620. Packer at 11575, open 45 min. Rec. 15' mud, 3000' water blanket.
- 4-16-48 T.D. 12181. Packer at 12099. Open 3 hrs. Rec. 120' dry pipe, 2800' water blanket, 1080' oil & water emulsion; flowed 5 min; then rec. 3150' clean oil, 3600' heavy oil cut mud, 1260' salt water (analysis showed drilling water). 15 min build up 4750%.
- 4-20-48 T.D. 12214. Packer at 12181. Open 4 hrs, 3000' water blanket to surface 2 hrs 15 min. Flowed water 45 min, rec. 1530' oil cut water, then 9931' oil, then 720' water. Flowing pressure 4500, 15 min. build up 4800%.
- 4-23-48 T.D. 12249. Packer at 12214. Open 2 hrs 10 min; faint blow of air gradually decreasing to nothing. Rec. 135' oil, 3000' water blanket and 100' salty drlg fluid.