

TRIPPLICATE

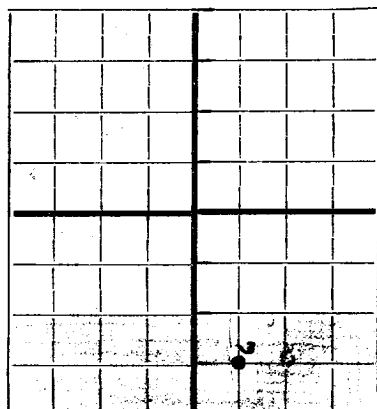
JUN 25 1947  
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HOBBS OFFICE

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

MID-CONTINENT PETROLEUM CORPORATION  
Company or Operator  
State Land #15  
Lease  
Well No. Three in 8 SW 1/4, SE 1/4 of Sec. 16, T. 21S  
R. 37 E, N. M. P. M., Drinkard Field, Lea County.  
Well is 660 feet north of the line and 1980 feet west of the East line of S/2 of Sec. 16  
If State land the oil and gas lease is No. B-5105 Assignment No.  
If patented land the owner is No Address  
If Government land the permittee is No Address  
The Lessee is Mid-Continent Petroleum Corporation, Address Box 381, Tulsa 2 Okla.  
Drilling commenced May 13, 1947 Drilling was completed June 12, 1947  
Name of drilling contractor McWay & Stafford, Address Tulsa Oklahoma.  
Elevation above sea level at top of casing 3451 feet.  
The information given is to be kept confidential until No 19

OIL SANDS OR ZONES

No. 1, from 5120 to 5230 No. 4, from to  
6509 6650  
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 rotary feet.  
No. 2, from to feet.  
No. 3, from to hole feet.  
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13 3/8	104	Spiral-weld	Armed	2866'	None				
8 5/8	32	8	S.S.	2866'	Guide				
5 1/2	15.5	8	S.S.	6650	Guide		6540	6635	(Pay section)

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13 3/8	223	250	Pump & plug		
11"	8 5/8	2880	1600	"		
7 1/2"	5 1/2	6650	500	"		

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
		NO ACID USED	NO SHOT.			

Results of shooting or chemical treatment

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 6660 T.D. feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing June 18, 1947, 19  
The production of the first 1 hours was 119 barrels of fluid of which 99.6 % was oil; %  
emulsion; % water; and 4/10 of 1 % sediment. Gravity, Be. 40 degrees  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

EMPLOYEES

G.B. McCrory, Driller Lesley Hester, Driller  
Jim Clark, 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 23rd day of June, 1947, 19  
Eugene Lynch  
Notary Public  
My Commission expires 6-1-49

Midland, Texas June 23, 1947  
Name Harold Smith  
Position District Superintendent  
Representing MID-CONTINENT PETROLEUM CORP.,  
Company or Operator  
Address Box 830, Midland, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche & Surface Sand
40	223	183	Sand & Red Rock
223	436	213	Red Bed & Shells
436	1155	719	Red Rock - Sand
1155	1226	72	Red Rock - Shells
1226	1329	103	Anhydrite
1329	1860	531	Salt & Anhydrite
1860	2095	235	Salt-Red Bed
2095	2310	215	Salt-R.B. Anhydrite
2310	2495	185	Anhydrite
2495	2565	70	Lime-Red Bed
2565	2615	50	Anhydrite-Lime
2615	2735	120	Anhy-Gyp-Lime & Sand
2735	2780	65	Anhydrite-Gyp
2780	2880	100	Anhydrite-Lime
2880	2915	35	Anhydrite-Gyp-Lime
2915	3140	225	Lime-Anhydrite
3140	3278	138	Lime-Sand
3278	3458	180	Lime
3458	3565	107	Lime-Gyp
3565	3729	164	Lime
3729	3785	56	Lime-Sand
3785	4040	255	Lime
4040	4295	255	Lime-Sand
4295	6660	2365	Lime - Total Depth 6660

Drill Stem Test #1 Total Depth 6580. Packer @ 6495. 5/8" BHC. Tool open 35 minutes. Gas to surface in 4 minutes, mud in 21 minutes, oil in 25 minutes. Estimated 500,000 Cu.Ft. gas, and an estimated 30 bbls oil per hr. Closed tool after 35 minutes, well flowed to pits 30 minutes, then pulled 4680' dry drill pipe, then 1800' oil, (one joint mud). No water. 10 minute build up pressure: Flowing pressure 1300%, Shut In Pressure 2600%.

Drill Stem Test #2. Total Depth 6660, Packer @ 6580. Tool open 2 and 1/2 hours. 5/8 BHC. Gas to surface in 5 minutes, mud in 60 minutes, oil in 64 minutes. Flowed an estimated 5 bbls per hour for 20 minutes, then went dead for 30 minutes, then flowed estimated 20 bbls per hour for 36 minutes, then flowed to pit 30 minutes. Pulled 4950' dry drillpipe; 1170' clean oil, 540' oil cut mud. 10 minutes build up Flowing pressure 950%, Shut in pressure 2200%. Estimated gas 500,000 cu ft gas per day.