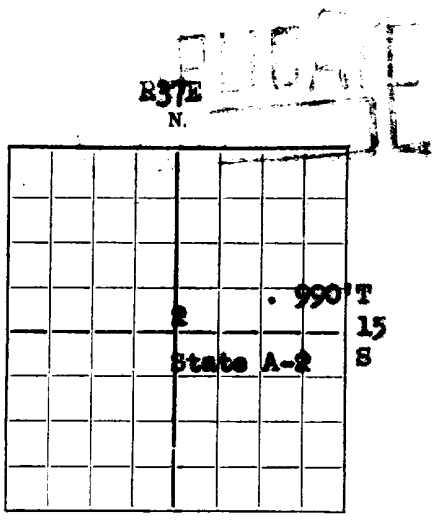

AREA 640 ACRES
LOCATE WELL CORRECTLY

FORM C-105

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.

McAlester Fuel Company (Company or Operator) State (Lease)

Well No. A-2 in SE/4 NE/4 of Sec. 2, T. 15S

R. 37E, N. M. P. M., Denton - Wolfcamp Field, Lea County.

Well is 2210 feet south of the North line and 990 feet west of the East line of Section 2

If State land the oil and gas lease is No. E-2504 Assignement No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is McAlester Fuel Company, Address Box 210 - Magnolia, Arkansas

Drilling commenced 3/16 1952. Drilling was completed May 17 1952

Name of drilling contractor Howard P. Holmes, Address Dallas, Texas

Elevation above sea level at top of casing 3801.2 feet.

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 9151 to 9332 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 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	PERFORATED TO	PURPOSE
13 3/8" OD	48	8 Rd.	Yngstn.	351.22	Baker				
9 5/8" OD	40	8 Rd.	Nat'l	930.53					
9 5/8" OD	36	8 Rd.	Nat'l	3707.83	Baker				
5 1/2" OD	20	8 Rd.	"	2134.47					
5 1/2" OD	17	8 Rd.	"	7235.77	Baker		9215	9220	Test cement job
							9183	9220	Production

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	370.00	400	Halliburton	8.9#/gal.	
12 1/2	9 5/8	4739.00	2250	"	10.6#/gal.	
8 3/4	5 1/2	9389.00	632	"	9.2#/gal.	

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
		Jet Perforated	148 shots	5/22/52	9183'-9220'	

Results of shooting or chemical treatment Well flowed 247 bbls. oil w/no water in 24 hrs. through a 20/64" choke with 350 psi tubing head flowing pressure.

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 Surface feet to 9390 feet, and from feet to feet.

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

PRODUCTION

Put to producing May 25, 1952

The production of the first 24 hours was 247 barrels of fluid of which 99.8 % was oil; % emulsion; % water; and 0.2 % sediment. Gravity, Be 42.6° A.P.I. @ 60° F.

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

F. A. Love, Driller J. A. Moore, Driller

H. L. Cobb, Driller H. A. Wigley, Tool Pusher

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.

Magnolia, Arkansas (Place) May 27, 1952 (Date)

Name Vernon Turner

Position Asst. Prod. Supt.

Representing McALESTER FUEL COMPANY (Company or Operator.)

Address Box 210 - Magnolia, Arkansas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	350	350	Caliche and surface clay, sand & gravel
350	2144	1794	Red shale and sand
2144	3070	926	Anhydrite, red shale, and sand
3070	4680	1610	Red shale, sand, and salt
4680	6312	1632	Dolomite
6312	7384	1072	Dolomite w/streaks of sand
7384	8068	684	Dolomite w/streaks of sand
8068	9151	1083	Dolomite & shale
9151	9389	238	Dolomite & streaks of lime
	9389		Total Depth (Schlumberger).
	9390		Total Depth (Driller).

SCHLUMBERGER TOPS

FORMATION	TOP	SUB SEA
Anhydrite	2144	+ 1673
Yates	3070	+ 747
San Andres	4680	- 863
Glorietta	6312	- 2495
Tubbs	7384	- 3567
Abo	8068	- 4251
Wolfcamp	9151	- 5334

DRILL STEM TEST DATA

McAlester Fuel Company's State A-2
SE/4, NE/4
Section 2-T15S-R37E
Lea County, New Mexico.

DATE	INTERVAL TESTED	RESULTS OF TEST
5/14/52	9239'-9261'	5/8" x 1" chokes - Gas to surface in 8 min. - Oil in 36 min. - Flowed 1 hr. on 1" choke, w/30# tubing pressure, produced 50 bbls. of 42° gravity oil - GOR 381/1 - Flowed 1 hr. on ½" choke w/500# surface pressure, 20 bbls. oil, GOR 312/1 - Reversed out, recovered no water - Maximum B.H.F.P. on 1" surface choke, 3000# - Maximum B.H.F.P. on ½" surface choke, 3330# - 35 min. B.H.S.I.P. 3560#.
5/16/52	9322'-9390'	5/8" x 1" choke - No water cushion - Tool open 1 hr. - Steady blow throughout test - Recovered 60' of clean oil & gas and 1050' of oil & gas cut mud - Max. B.H.F.P. 460# - 15 min. B.H.S.I.P. 3470#.