



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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 QUINTUPPLICATE. If State Land submit 6 Copies

**McAlester Fuel Company** **New Mexico Federal**  
(Company or Operator) (Lease)

Well No. **A-2**, in **NW**  $\frac{1}{4}$  of **SE**  $\frac{1}{4}$ , of Sec. **6**, T. **12S**, R. **38E**, NMPM.  
**North Gladiola Devonian** Pool, **Lea** County.  
Well is **1980'** feet from **south** line and **1980** feet from **east** line  
of Section **6**. If State Land the Oil and Gas Lease No. is **-**  
Drilling Commenced **June 11**, 19**57** Drilling was Completed **August 26**, 19**57**  
Name of Drilling Contractor **McAlester Fuel Company**  
Address **Magnolia, Arkansas**  
Elevation above sea level at Top of Tubing Head **3879** The information given is to be kept confidential until  
**Not Confidential**, 19**-**

OIL SANDS OR ZONES

No. 1, from **11,980** to **12,005** 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 **Well Drilled with Rotary Tools** 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	310.09	Guide	-	-	Surface
9 5/8"	36# - 40#	New	4459.40	Guide	-	-	Salt
5 1/2"	17# - 20#	New	11,989.25	Float	-	11,986-12,004	Production

MUDDING AND CEMENTING RECORD						
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	327.69	350	Pump & Plug	9.7	Cement Circulated
12 1/4"	9 5/8"	4474.0	1975	Pump & Plug	11.0	Cement Circulated
8 5/8"	5 1/2"	12,004	500	D.V. Tool Set @ 10,993	9.0	Top Cement 9360'

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

**Drilled out to 12,006'. Perforated 11,986 to 12,004 w/72 jet shots.**

**Acidized with 1,000 gallons mud acid.**

Result of Production Stimulation **Well flowed 347 BOD, no water, with 600 psi through 10/64" chokes. GOR 109.**

**12,006'** Depth Cleaned Out

3RD OF DRILL-STEM AND SPECIAL 1

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 12,005 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing September 3, 19 57  
OIL WELL: The production during the Second ~~24~~ 24 hours was 347 barrels of liquid of which 99.8 % was oil; 0 % was emulsion; 0 % water; and 0.2 % was sediment. A.P.I. Gravity 47.3  
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.	<u>2224</u>		T. Devonian.	<u>11,980</u>	
T. Salt.	<u>2310</u>		T. Silurian.		
B. Salt.	<u>2991</u>		T. Montoya.		
T. Yates.	<u>3037</u>		T. Simpson.		
T. 7 Rivers.	<u>Not Picked</u>		T. McKee.		
T. Queen.	<u>Not Picked</u>		T. Ellenburger.		
T. Grayburg.	<u>Not Picked</u>		T. Gr. Wash.		
T. San Andres.	<u>4413</u>		T. Granite.		
T. Glorieta.	<u>5857</u>		T. _____		
T. Drinkard.	<u>Not Picked</u>		T. Penn.		
T. Tubbs.	<u>7122</u>		T. _____		
T. Abo.	<u>7818</u>		T. _____		
T. Penn.	<u>10,098</u>		T. _____		
T. Miss.	<u>11,335</u>		T. _____		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	2224	2224	Caliche & red beds				
2224	2310	86	Anhydrite				
2310	2991	681	Salt and anhydrite				
2991	3037	46	Anhydrite				
3037	4413	1376	Red sand, shale & anhydrite				
4413	5857	1444	Dolomite & anhydrite				
5857	7122	1265	Sand, dolomite & anhydrite				
7122	7818	696	Sand, dolomite & red shale				
7818	9065	1247	Red & green shale and dolomite				
9065	10,097	1032	Lime and gray and red shale				
10,097	10,963	866	Lime and gray shale				
10,963	11,335	372	Gray and black shale and lime				
11,335	11,850	515	Lime and chert				
11,850	11,892	42	Sand and lime				
11,892	11,980	88	Black, gray and brown shale				
11,980	12,005	25	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 McAlester Fuel Company Address Box 210 - Magnolia, Arkansas  
Name \_\_\_\_\_ Position or Title Chief Engineer  
September 13, 1957  
(Date)