

RECEIVED

AUG 8 - 1951 FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

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

McAlester Fuel Co.
Pat H. McClure B-1

Well No. **B-1** in **NW/4 SE/4** of Sec. **14**, T. **15S**
R. **37E**, N. M. P. M., **Denton** Field, **Lea** County.

Well is **2970** feet south of the North line and **2310'** feet west of the East line of **Sec. 14**

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

If patented land the owner is **Pat H. McClure**, Address **Lovington, New Mexico**

If Government land the permittee is _____, Address _____

The Lessee is **McAlester Fuel Company**, Address **Magnolia, Arkansas**

Drilling commenced **March 3,** 19 **51** Drilling was completed **July 14,** 19 **51**

Name of drilling contractor **McAlester Fuel Company**, Address **Magnolia, Arkansas**

Elevation above sea level at top of casing **3784** feet.

The information given is to be kept confidential until **Not Confidential** 19 _____

OIL SANDS OR ZONES

No. 1, from **12,135** to **12,750** 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 **None** 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	TO	PURPOSE
13-3/8"	48#	8 Rd.	Ingstn.	340'	Baker				
9-5/8"	40#	8 Rd.	Ntl.	4755'	Baker				
5-1/2"	17# & 20#	8 Rd.	Cntl. Ntl.	12732'	Baker		12,675	12,694	Prod.
							12,700	12,745	

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"	359	400	Halliburton	9.4#/gal.	
12-1/4"	9-5/8"	4,771	2048	"	11.5#/gal.	
8-3/4"	5 1/2"	12,748	1028	"	9.4#/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
		Gun Perforation	384	7/24/51)		
		Mud Acid	3500 gals.	7/25/51)	12,675-94; 12,700-45)	

Results of shooting or chemical treatment **Flowing on 2 1/4" choke, 185 psi tubing pressure.**
Produced 195 Bbls. oil, 195 MCF gas, 5 Bbls. water on 14 hr. test.

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 **12,750** feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing **July 28,** 19 **51**

The production of the first 24 hours was **341** barrels of fluid of which **98** % was oil; _____ % emulsion; **2** % Acid water; and _____ % sediment. Gravity, **max 47.2° API.**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Guy Boyd Supt. **Butler** **O. T. Winkle** Driller
L. A. Copeland Driller **G. B. Crump** 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.

Magnolia, Arkansas **8/4/51**

Place

Date

FORMATION RECORD

FROM.	TO	THICKNESS IN FEET	FORMATION
Surface	2150	2150	Surface sands, caliche and red beds
2150	3130	980	Anhydrite and salt and red beds
3130	4665	1535	Shale w/streaks of sand
4665	6880	1615	Dolomite
6880	7360	1080	Dolomite w/streaks of sand
7360	8051	691	Dolomite w/streaks of sand
8051	9175	1124	Dolomite & shale
9175	11,000	1925	Lime, Dolomite & shale w/streaks of chert
11,000	12,135	1035	Lime, shale & chert
12,135	12,750	615	Dolomite
			Total Depth
 <u>Formation Logs</u>			
			<u>FEET</u> <u>2150-2000</u>
Anhydrite	2150	(+1650)	
Yates	3130	(+ 670)	
San Andres	4665	(- 865)	
Glorietta	6880	(-2480)	
Tubbs	7360	(-3560)	
Abo	8051	(-4851)	
Wolfcamp	9175	(-5975)	
Mississippian	11,000	(-7900)	
Devonian	12,135	(-9935)	