

DUPLICATE

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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APR 09 1951

OIL CONSERVATION COMMISSION
HOBBS OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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.

660		x 1780	
Brownfield A-2			
2	4		

AREA 640 ACRES
LOCATE WELL CORRECTLY

McAlister Fuel Company

Brownfield

Company or Operator **McAlister Fuel Company** in **37E** of Sec. **12E**, T. **12N**, R. **37E**, N. M. P. M., **Gladiola** Field, **Lee** County.

Well is **660** feet south of the North line and **1780** feet west of the East line of **1780**

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

If patented land the owner is **Lois Wingard et al** Address **Brownfield, Texas**

If Government land the permittee is _____ Address _____

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

Drilling commenced **January 21, 1951** Drilling was completed **April 3, 1951**

Name of drilling contractor **Trinity Drilling Company** Address **Dallas, Texas**

Elevation above sea level at top of casing **3874** feet.

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

OIL SANDS OR ZONES

No. 1, from **5103** to **5163** No. 4, from _____ to _____

No. 2, from **9532** to **9620** 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	TO	PURPOSE
13-3/8"	48#	8 Rd.	Mat'l	335'	Baker				
9-5/8"	36#-40#	8 Rd.	Mat'l	4436'	Baker				
5-1/2"	17#-20#	8 Rd.	Mat'l	10,328'	Baker		9565	9600	Completion

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"	351'	400	Balliburton	9.4# per gal.	
12-1/4"	9-5/8"	4450'	1400	"	12.0# per gal.	
8-3/4"	5-1/2"	10,328'	820	"	10.6# per 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
1/2"	Gun perforated		140 shots	4/3/51	9565-9600	

Results of shooting or chemical treatment **11/64" choke, 1450# tubing head flowing pressure 223 Hds. 43.5° gravity oil w/0.2% water. 320 MCF gas (GOR 1435) during 24 hr. test period.**

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 **10,330** feet, and from _____ feet to _____ feet.

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

PRODUCTION

Put to producing **April 4, 1951**

The production of the first 24 hours was **223** barrels of fluid of which **99.8** % was oil; **0.2** % emulsion; _____ % water; and _____ % sediment. Gravity **43.5° A.P.I.**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller **R. J. Short** Driller

Driller **Fritz Geseh, Jr.** Driller **H. Kallerman** 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 **6th** day of **April 6, 1951**

H. J. Canton Notary Public

My Commission expires **May 28, 1952**

Magnolia, Arkansas **April 6, 1951**

Name **Shirley D. Short**

Position **Gen. Prod. Supt.**

Representing **McAlister Fuel Company** Company or Operator.

Address **Box 210 - Magnolia, Arkansas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surf	369	369	Rock & caliche
369	1185	816	Shale
1185	1685	520	Salt & shale
1685	2215	520	Red shale & boulders
2215	2381	176	Red shale, salt & anhydrite
2381	2885	594	Anhydrite & shale
2885	3310	325	Shale & sand
3310	3541	331	Shale, gypsum & anhydrite
3541	3506	265	Red shale & streaks of anhydrite
3506	4490	584	Shale & anhydrite
4490	4585	95	Lime, shale & anhydrite
4585	5145	560	Dolomite
5145	5732	587	Dolomite & lime
5732	5925	193	Dolomite, lime & anhydrite
5925	6160	235	Lime, dolomite, shale & sand
6160	6375	215	Dolomite & shale
6375	6545	170	Lime, dolomite & shale
6545	6698	153	Dolomite, anhydrite & shale
6698	6840	142	Dolomite & anhydrite
6840	6972	132	Dolomite & lime
6972	7085	113	Dolomite
7085	7208	123	Shale, dolomite & anhydrite
7208	7704	576	Dolomite
7704	7825	121	Dolomite, shale & anhydrite
7825	8128	233	Dolomite & anhydrite
8128	8289	161	Dolomite & shale
8289	8385	97	Dolomite
8385	8491	106	Dolomite & shale
8491	8578	87	Dolomite
8578	8640	62	Dolomite, shale & anhydrite
8640	8822	352	Dolomite
8822	9162	370	Dolomite & lime
9162	9220	36	Lime & dolomite w/streaks of anhydrite & shale
9220	9289	69	Lime & dolomite
9289	9304	15	Lime, chert & dolomite
9304	9335	31	Lime, shale, dolomite & chert
9335	9742	207	Lime & shale
9742	9609	67	Lime
9609	9704	95	Lime & shale
9704	10,014	310	Lime
10,014	10,038	24	Lime & shale
10,038	10,150	112	Lime
10,150	10,330	180	Lime & chert
	10,330		Total Depth

Formation Tops from Schlumberger

Top Anhydrite	2,220	(-1670)
Top Salt	2,345	(-1545)
Top Yates	3,662	(-328)
Top San Andres	4,418	(-404)
Top Glorieta	5,852	(-1568)
Top Tule	7,111	(-2827)
Top Abilene	7,803	(-3519)
Top Wolfcamp	9,080	(-4796)
Total Depth	10,330	(-5940)