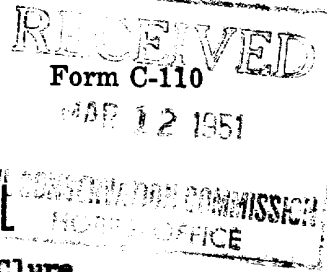


OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO



CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator McAlester Fuel Company Lease Pat H. McClure
Address Box 210 - Magnolia, Arkansas
(Local or Field Office) (Principal Place of Business)
Unit G Wells No. A-1 Sec. 14 T 15S R 37E Field Denton County Lea
Kind of Lease Privately owned Location of Tanks 600' South of McClure A-1 well
Transporter Service Pipe Line Co. Address of Transporter box 337 - Midland, Texas
(Local or Field Office)
Box 1979 - Tulsa, Oklahoma Percent of oil to be transported 100 Other transporters author-
(Principal Place of Business) ized to transport oil from this unit are None %
REMARKS:

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentages of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 9th day of March, 194 51

McALESTER FUEL COMPANY

(Company or Operator)

By Vernon Turner
Title Asst. Prod. Supt.

State of Arkansas
County of Columbia } ss.

Before me, the undersigned authority, on this day personally appeared Vernon Turner known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 9th day of March, 194 51

Notary Public in and for Columbia County, Arkansas

Approved: J. J. 12 194 51 My Commission Expires: May 28, 1952.

OIL CONSERVATION COMMISSION

By May O. Yarkrough

(See Instructions on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (b) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED

MAR 12 1951

OIL CONSERVATION COMMISSION

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

McAlester Fuel Company

Pat H. McClure

Company or Operator

Lease

Well No. A-1 in SW¹₄, NE¹₄ of Sec. 14, T. 15SR. 37E, N. M. P. M., Denton Field, Lea County.Well is 1650 feet south of the North line and 2310 feet west of the East line of NE¹₄ of Section 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, ArkansasDrilling commenced October 9 19 50 Drilling was completed March 19 51Name of drilling contractor McAlester Fuel Company, Address Magnolia, Arkansas

Elevation above sea level at top of casing _____ feet.

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

OIL SANDS OR ZONES

No. 1, from 9055' to 9636' (Wolfcamp) No. 4, from _____ to _____No. 2, from 11,503' to 11,325' (Devonian) No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

(No Data Available)

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" O.D.	48#	8 Rd.	Youngstown	319	Baker				
9-5/8" O.D.	36#	8 Rd.	Nat'l	4,715	Baker				
5-1/2" O.D.	17#	8 Rd.	Nat'l	12,310	Baker		12,258	12,320	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"	335.50	300	Pump & Plug	9.3# per gal.	
12-3/4"	9-5/8"	4730.53	1300	"	11.4# per gal.	
8-3/4"	5-1/2"	12324.00	1130	"	9.7# 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	248	3/5/51	12,258-12,320	

Results of shooting or chemical treatment Flowed to tanks for 24 hours. 20/64" choke
675 psi tubing head flowing pressure - 464 Bbls. 47.2° A.P.I. gravity oil,
0.2% B. S. & W. and 591,136 MCF gas.

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 12,325 feet, and from _____ feet to _____ feet.

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

PRODUCTION

Put to producing March 5 19 51The production of the first 24 hours was 464 barrels of fluid of which 99.98 % was oil; 0.2 %emulsion; _____ % water; and _____ % sediment. Gravity, 47.28 60° 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

Guy Boyd Drlg. Supt. B. J. Taber DrillerT. O. Crain Driller B. T. Rushing 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 9th Magnolia, Arkansas March 9, 1951day of March 1951 Name Vernon Turner

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	2130		Caliche, sand & shale, salt
2130	4647		Anhydrite, salt, shale
4647	6845		Dolomite
6845	7292		Dolomite w/strains of sand
7292	7564		Dolomite w/strains of sand
7564	9055		Dolomite & shale
9055	10857		Dolomite, lime w/strains of chert
10,857	11503		Lime, chert & shale
11,503	12385		Dolomite w/strains of shale & chert
	12385		T. B.
			Formation Tops
			T. Anhydrite 2130' (-1669')
			T. San Andres 4647' (-848')
			T. Glavietta 6845' (-846')
			T. Tubb 7292' (-943')
			T. Abo 7564' (-1165')
			T. Wolfcamp 9055' (-5256')
			T. Mississippian 10857' (-7058')
			T. Devonian 11503' (-7704')

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
REQUEST FOR ALLOWABLE

D	C	B	A
E	F	G	H
I	J	K	L
M	N	O	P

Oil Well
Gas Well
☒ Workover Well

Place _____
Date March 9, 1951
Designated Unit Well is located in _____

POOL _____

OIL CONSERVATION COMMISSION
OFFICE

NOTICE OF COMPLETION OF: (Lease) Denton (Devonian) Well No. _____
Feet from _____ Line _____ feet from _____ Line; A-1
Section 1650 Township North Range 2310 East

DATE STARTED October 9, 1950 DATE COMPLETED March 5, 1951
ELEVATION D. F. _____ TOTAL DEPTH D. F. _____
CABLE TOOLS _____ ROTARY TOOLS _____
PERFORATIONS DEPTH 3799 OR OPEN HOLE DEPTH 12,325
Surface to F. D. _____

12,258-12,320 CASING RECORD
SIZE 13-3/8" O. D. DEPTH SET 335.50 SAX CEMENT 300
SIZE 9-5/8" O. D. DEPTH SET 4,730.53 SAX CEMENT 1300
SIZE 5-1/2" O. D. DEPTH SET 12,324.00 SAX CEMENT 1130
TUBING RECORD
SIZE 2" DEPTH 11,165' NO. GALS. _____ NO. QTS. _____
NO. GALS. _____ NO. QTS. _____
NO. GALS. _____ NO. QTS. _____

FORMATION TOPS

T. Anhydrite _____ T. Grayburg _____ T. Miss. _____
T. Salt _____ T. San Andres _____ T. Dev. 10,857 (-7058)
B. Salt 2130 (-1669) T. Glorieta 4647 (-848) T. Sil. 11,503 (-7704)
T. Yates _____ T. Drinkard 6245 (-8446) Ord. _____
T. Seven Rivers _____ T. Wolfcamp _____ Granite Wash _____
T. Queen _____ T. Penn. 9055 (-5256) T. Granite _____

OIL OR GAS PAY _____ WATER _____

Initial Production Test 12,258'-12,320' Pumping _____ Flowing _____
Test after acid or shot 464 Bbls.

Perforating: Flowed 24 hours 20/64" choke, 675 psi
Initial Gas Volume 464 Bbls. oil w/0.2% B. S. & W. and 591,136 MCF gas

DATE first oil run to tanks 591,136 MCF pipe line _____

PIPE LINE TAKING OIL _____ March 5, 1951

REMARKS: Service Pipe Line Company

Initial Production Test

SIGNED BY McAlester Fuel Company

Vernon Turner

OIL CONSERVATION COMMISSION

BY: Roy Yarbrough
Oil and Gas Inspector

RECEIVED
MAR 12 1951

MINERAL EXPLORATION
AND
DEVELOPMENT
ACT, 1920

RULE 1112. REQUEST FOR ALLOWABLE (FORM C - 104)

It is necessary that this form be submitted by the operators before an initial allowable will be assigned to any completed oil well. C - 110 " Certificate of Compliance " will not be approved until C - 104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the Commission Office, to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 A. M., on date of completion. The completion date shall be that date in the case of an oil well, when oil is delivered into the stock tanks.

J. G. PUTERBAUGH, PRESIDENT
TOM E. GARRARD, VICE PRESIDENT

E. P. JOYNER, EXECUTIVE VICE PRESIDENT AND TREASURER
C. R. COLE, VICE PRESIDENT

CARL OM
R. H. PAT
SECRETARY
ON, ASS'T. SECRETARY AND ASS'T. TREASURER

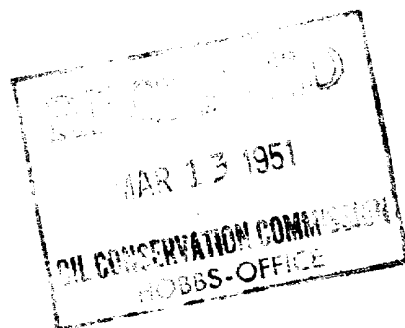
McALESTER FUEL COMPANY

McALESTER BUILDING

MAGNOLIA, ARKANSAS

March 3, 1951

DUPLICATE



New Mexico Oil Commission
Hobbs, New Mexico

Gentlemen:

Enclosed please find 2 Schlumbergers and Drill Stem Test
Data on our Pat n. McClure No. A-1, located in Lea County, New
Mexico.

Yours very truly,

McALESTER FUEL COMPANY

GEOLOGICAL DEPARTMENT

js

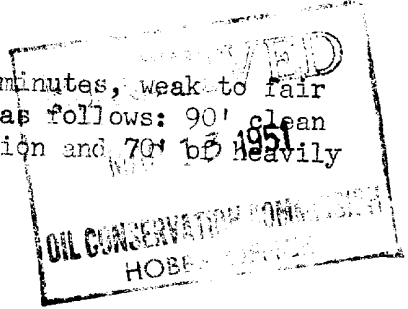
L. D. BARTELL

PAT H. McCLURE # A-1

DRILL STEM TEST RECORD

DUPLICATE

- Drill Stem Test # 1: 9103-9198 - open 2 hours and 54 minutes, gas at surface in 48 minutes, recovered 40' oil and gas cut mud, 320' gas cut mud. BHFP: 250# in 15 minutes. BHSIP: 2650# in 15 minutes.
- Drill Stem Test # 2: 9196-9357 - tool open 3 hours and 8 minutes, weak to fair blow. Recovered 660' - total fluid as follows: 90' clean oil, 500' oil and gas cut water cushion and 70' bc heavily oil and gas cut mud. BHFP: 225 psi. SIBHP: 725 psi (15 minutes)
- Drill Stem Test # 3: 9407-9563 - packer failed.
- Drill Stem Test # 4: 9393-9565 - tool open 45 minutes, recovered 225' mud very slightly cut with oil and gas. Zero # BHFP. BHSIP for 15 minutes: 225#.
- Drill Stem Test # 5: 9591-9616 - open 2 hours and 10 minutes, fair blow, recovered 60' oil and gas cut mud. BHFP: 175#. BHSIP: 0#
- Drill Stem Test # 6: 9614-9636 - open 2 hours and 10 minutes, recovered 60' oil and gas cut drilling mud. BHFP: 0# BHSIP: 1500# (10 minutes)
- Drill Stem Test # 7: 11,490-11,590 - packer failed.
- Drill Stem Test # 8: 11,520-11,590 - ran 2000' water cushion, 5/8" BC, 1/2" TC, tool open 3 hours, gas to surface in 1 hour and 22 minutes, recovered 2000' oil and gas cut water cushion, 270' oil and gas cut mud and 1500' oil and gas. Initial BHFP: 1020#. Maximum BHFP: 1420#. SIBHP: 1660# (15 minutes)
- Drill Stem Test # 9: 11,595-11,770 - 5/3" BC, 1/2" TC, 2000' water cushion, tool held 26 minutes and started leaking. Recovered 90 stands total, 20 stands heavily gas cut mud, 22 stands water cushion, 47 stands slightly gas cut mud.
- Drill Stem Test # 10: 11,656-11,838 - tool open 4 hours, 2000' water cushion, 3/8" BC and 1/4" TC, gas at surface in 1 hour and 5 minutes, recovered 2000' water cushion cut with oil and gas and 880' heavy oil and gas cut mud. BHFP: 1225#. SIBHP: 1375# (15 minutes)



Pat H. McClure # A-1

DUPLICATE

Drill Stem Test # 11: 11,835-11,949 - 3/8" BC and 1/4" TC, tool open 3 hours and 11 minutes, gas to surface in 2 hours and 37 minutes. 2000' water cushion, recovered 8000' fluid, 2000' water cushion, 5470' of oil and gas and 530' of oil and gas mud.

Drill Stem Test # 12: 12,040-12,138 - 2000' water cushion, open 1 hour and 38 minutes, oil and water cushion at surface in 37 minutes, flowed to pit 27 minutes, flowed to tank 30 minutes, 1/8" choke, 22.08 barrels oil, no surface pressure recorded.
BHFP: 2650.
Maximum BHFP: 4635 (15 minutes)
BHSIF: 1800.

