

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 QUINTUPLICATE.

The Texas Company J. B. McGhee  
(Company or Operator) (Lease)

Well No. 1, in NE 1/4 of SE 1/4, of Sec. 31, T. 24-S, R. 38-E, NMPM.  
~~Undesignated~~ Undesignated Pool, Lea County.

Well is 1980 feet from South line and 660 feet from East line  
of Section 31. If State Land the Oil and Gas Lease No. is

Drilling Commenced May 18, 1952 Drilling was Completed August 14, 1952

Name of Drilling Contractor Frank Wood Associates, Inc.

Address First National Bank Building, Wichita Falls, Texas

Elevation above sea level at Top of Tubing Head 3138 DF The information given is to be kept confidential until  
, 19

## OIL SANDS OR ZONES

No. 1, from to 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8	29# 48#	new	304	Larkin			
9-5/8	36# 32#	new	3486	Larkin			
5-1/2	15# 17#	new	8693	HOWCO		7440'-7610' 7630'-7705')	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
17-1/4	13-3/8	320	300	Howco		
11	9-5/8	3498	2200	Howco		
7-7/8	5-1/2	8705	1162	Howco		

## RECORD OF PRODUCTION AND STIMULATION

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

Drilled well to a total depth of 8735' and plugged back to a depth of 7762'. Formation was treated through open hole with 500 gallons of 15% regular acid. Swabbed 146 bbls. of oil load & acid residue for 12 hours. Well was then plugged back to 7762', and casing was perforated from 7705' ~~7705' to 7630'~~ to 7630' with 4 shots per foot. Formation was treated through perforation with 1000 gallons of mud acid. Swabbed 60 bbls. of oil load and acid residue in 10 hours. Depth Cleaned Out 7762

WORD OF DRILL-STEM AND SPECIAL TEST

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 2735 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 4, 1952  
OIL WELL: The production during the first 24 hours was 69 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 40.6  
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	T. Devonian 7438	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3571	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 3965	T. Granite	T. Dakota
T. Glorieta 5098	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs 6033	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	74	74	Caliche	2735	2735	14	Line Chart
74	115	41	Red Red Rock	2735	2735		Total Depth
115	1161	1046	Red Red	2735	7767		Plug Back Depth
1161	1255	94	Anhy				
1255	2497	1242	Anhy salt				
2497	2677	180	Anhy				
2677	2877	200	Anhy				
2877	2938	61	Anhy				
2938	3075	137	Anhy				
3075	3238	163	Anhy				
3238	7440	4202	Line				
7440	7439	1	Shells Chart				
7439	7808	369	Line Chart				
7808	8344	536	Line Chart				
8344	8366	22	Line				
8366	8721	355	Line				

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.

October 7, 1952  
The Texas Company  
Company or Operator  
Address  
Name  
Position or Title

Formation was again treated through perforations with 4000 gallons of 15% regular acid. Swabbed oil at the rate of 1 bbl. per hour, cut 2% acid.

Casing was then perforated from 7440' to 7610' with 4 shots per foot. After setting packer at 7612' formation was treated through perforation from 7440' to 7610' with 1000 gallons of mud acid. Swabbed 179 bbls. of fluid (155 bbls. of oil and 24 bbls. of acid water) in 19 hours. Swabbed fluid at the rate of 138 bbls. per hour, cut 2% acid water. Formation was again treated through perforations from 7440' to 7610' with 6000 gallons of 15% regular acid. Swabbed 157 bbls. of oil load 4% acid residue in 16 hours. After squeezing from 7590' to 7705' with 430 gallons of kerosene gel and spotting 70 gallons in casing from 7590' to 7705' formation was again treated with 6000 gallons of 15% non-emulsion acid, using permeter control from 7440' to 7590'. Swabbed 248 bbls. of fluid (110 bbls. of acid water 138 bbls. of oil load) in 24 hours. Re-set packer at 7412' and swabbed 44 bbls. of fluid cut 15% acid water and 85% oil load in 8 hours. Well then flowed 61.41 bbls. of oil through a 10/64" choke in 17 hours.

### DRILL STEM TEST

- DST #1: 3590 - 3874 - Tool open 1 hour and 45 minutes. Recovered 1000' free oil, 2500' oil and gas cut mud.
- DST #2: 5555 - 5825 - Tool open 1 hour. Recovered 40' drilling water.
- DST #2: 6360 - 6451 - Tool open 1 hour 45 minutes. Recovered 190' lightly oil and gas cut mud, 900' free oil, 50' heavy oil & gas cut mud.
- DST #4: 6451 - 6604 - Tool open 2 hours. Recovered 500' slightly oil and gas cut mud.
- DST #5: 6604 - 6733 - Tool open 1 hour and 45 minutes. Recovered 160' gas cut mud and 320' heavy oil and gas cut mud.
- DST #6: 6733 - 6940 - Tool open 2 hours. Recovered 500' slightly gas cut mud with trace of oil, and 350' heavily gas cut mud with trace of oil.
- DST #7: 7445 - 7540 - Tool open 2 hours and 30 minutes. Recovered 110' oil and gas cut mud, and 10' free oil.
- DST #8: 7540 - 7692 - Tool open 65 minutes. Packer failed.
- DST #9: 8570 - 8700 - Tool open 1-1/2 hours. Recovered 10' drilling mud.
- DST #10: 8699 - 8735 - Tool open 1 hour and 45 minutes. Recovered 3960' gas in drill pipe, 90' free oil and 345' heavy oil & gas cut mud.