

## 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

McAlester Fuel Company

State

(Company or Operator)

(Lease)

Well No. **BJ-1**, in **NW** 1/4 of **SE** 1/4, of Sec. **2**, T. **14S**, R. **37E**, NMPM.

Wildcat

Pool,

Lea

County.

Well is **1980** feet from **South** line and **1980** feet from **East** lineof Section **2**. If State Land the Oil and Gas Lease No. is **B-9747**Drilling Commenced **June 19**, 19 **52** Drilling was Completed **September 2**, 19 **52**Name of Drilling Contractor **McAlester Fuel Company Rig #5**Address **Box 210 - Magnolia, Arkansas**Elevation above sea level ~~at completion~~ **3854' D. F.** The information given is to be kept confidential until **Not Confidential**, 19 **52**

## OIL SANDS OR ZONES

No. 1, from **None** to

No. 4, from to

No. 2, from **Dry Hole** 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 **Rotary Hole** to feet.No. 2, from **Not Available** 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   |
|----------------|------------------|-------------|-------------|--------------|---------------------|--------------|-----------|
| <b>13 3/8"</b> | <b>48#</b>       | <b>New</b>  | <b>353</b>  | <b>Guide</b> | <b>None</b>         | <b>None</b>  | <b>--</b> |
| <b>9 5/8"</b>  | <b>40# - 36#</b> | <b>New</b>  | <b>4678</b> | <b>Guide</b> | <b>None</b>         | <b>None</b>  | <b>--</b> |
|                |                  |             |             |              |                     |              |           |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE   | SIZE OF CASING | WHERE SET   | NO. SACKS OF CEMENT | METHOD USED            | MUD GRAVITY | AMOUNT OF MUD USED       |
|----------------|----------------|-------------|---------------------|------------------------|-------------|--------------------------|
| <b>17 1/2"</b> | <b>13 3/8"</b> | <b>372</b>  | <b>400</b>          | <b>Pump &amp; Plug</b> | <b>9.0</b>  | <b>Cement Circulated</b> |
| <b>12 1/2"</b> | <b>9 5/8"</b>  | <b>4697</b> | <b>1641</b>         | <b>Pump &amp; Plug</b> | <b>11.2</b> | <b>Cement Circulated</b> |
|                |                |             |                     |                        |             |                          |

## RECORD OF PRODUCTION AND STIMULATION

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

**DRY HOLE**

Result of Production Stimulation

Depth Cleaned Out

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 10,721 feet to -- feet, and from -- feet to -- feet.  
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet.

PRODUCTION

Put to Producing Dry Hole, 19--  
OIL WELL: The production during the first 24 hours was -- barrels of liquid of which -- % was oil; -- % was emulsion; -- % water; and -- % was sediment. A.P.I. Gravity --  
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. 2198'          | T. Devonian    | T. Ojo Alamo            |  |
| T. Salt                 | T. Silurian    | T. Kirtland-Fruitland   |  |
| B. Salt                 | T. Montoya     | T. Farmington           |  |
| T. Yates 3168'          | T. Simpson     | T. Pictured Cliffs      |  |
| T. 7 Rivers             | T. McKee       | T. Menefee              |  |
| T. Queen                | T. Ellenburger | T. Point Lookout        |  |
| T. Grayburg             | T. Gr. Wash    | T. Mancos               |  |
| T. San Andres 4640      | T. Granite     | T. Dakota               |  |
| T. Glorieta 6160        | T.             | T. Morrison             |  |
| T. Drinkard             | T.             | T. Penn                 |  |
| T. Tubbs 7420           | T.             | T.                      |  |
| T. Abo 8145             | T.             | T.                      |  |
| T. Penn                 | T.             | T.                      |  |
| T. Miss                 | T.             | T.                      |  |

FORMATION RECORD

| From    | To    | Thickness in Feet | Formation                         | From | To | Thickness in Feet | Formation |
|---------|-------|-------------------|-----------------------------------|------|----|-------------------|-----------|
| Surface | 308   |                   | Caliche & shale                   |      |    |                   |           |
| 308     | 1085  |                   | Shale & shaly lime                |      |    |                   |           |
| 1085    | 1590  |                   | Shale & anhydrite                 |      |    |                   |           |
| 1590    | 2198  |                   | Red Beds                          |      |    |                   |           |
| 2198    | 2380  |                   | Anhydrite & salt                  |      |    |                   |           |
| 2380    | 3168  |                   | Red Shale, salt & anhydrite       |      |    |                   |           |
| 3168    | 3823  |                   | Shale, anhydrite & gypsum         |      |    |                   |           |
| 3823    | 4172  |                   | Shale, lime & anhydrite           |      |    |                   |           |
| 4172    | 4640  |                   | Shale, lime, streaks of salt      |      |    |                   |           |
| 4640    | 5425  |                   | Dolomite, shale & anhydrite       |      |    |                   |           |
| 5425    | 5700  |                   | Dolomite & lime                   |      |    |                   |           |
| 5700    | 6160  |                   | Sand, lime & anhydrite            |      |    |                   |           |
| 6160    | 6500  |                   | Shale & dolomite                  |      |    |                   |           |
| 6500    | 6837  |                   | Shale                             |      |    |                   |           |
| 6837    | 7420  |                   | Dolomite & lime                   |      |    |                   |           |
| 7420    | 7620  |                   | Shale, sand & lime                |      |    |                   |           |
| 7620    | 8050  |                   | Dolomite & lime                   |      |    |                   |           |
| 8050    | 8420  |                   | Dolomite, shale & anhydrite       |      |    |                   |           |
| 8420    | 8820  |                   | Dolomite & shale                  |      |    |                   |           |
| 8820    | 9588  |                   | Dolomite, lime, shale & anhydrite |      |    |                   |           |
| 9588    | 9700  |                   | Dolomite & shale                  |      |    |                   |           |
| 9700    | 10215 |                   | Lime, dolomite & shale            |      |    |                   |           |
| 10215   | 10720 |                   | Lime & shale                      |      |    |                   |           |
|         | 10720 |                   | Total Depth                       |      |    |                   |           |

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.

September 10, 1952

Company or Operator McAlester Fuel Company  
Name Vernon Turner  
Address P. O. Box 210 - Magnolia, Arkansas  
Position or Title Asst. Prod. Supt.