

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

The Atlantic Refining Company  
(Company or Operator)

B. C. Dickinson A-3  
(Lease)

Well No. 1, in SE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Sec. 34, T. 14-S, R. 37-E, NMPM.  
Denton - Wolfcamp Pool, Lea County.

Well is 1980 feet from North line and 660 feet from East line  
of Section 34. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced February 27, 1953. Drilling was Completed April 12, 1953.

Name of Drilling Contractor J. B. Downs Trucking & Supply, Inc.

Address Box 1051, Lovington, New Mexico

Elevation above sea level at Top of Tubing Head 3825 DF  
July 1, 1953. The information given is to be kept confidential until \_\_\_\_\_

OIL SANDS OR ZONES

No. 1, from 9420 to 9480 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" | 48                 | New         | 282    | Larkin       |                     |              |            |
| 9-5/8"  | 36 & 40            | New         | 4696   | Larkin       |                     |              |            |
| 7"      | 26, 29, 32, and 35 | New         | 12700  | HOW CO       |                     | 9420-80      | to produce |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 18           | 13-3/8         | 296       | 400                 | Pump        |             | None               |
| 12 1/2"      | 9-5/8          | 4710      | 3000                | "           | ?           | 104 Sacs           |
| 8-3/4        | 7              | 12732     | 650                 | "           | ?           | 56 Sacs            |

RECORD OF PRODUCTION AND STIMULATION

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

Acidized Wolfcamp Formation from 9420-9480 with 2500 gallons Dowell N-38 Acid on 4-9-53

Result of Production Stimulation Satisfactory

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 0 feet to 12720 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing May 16, 1953

OIL WELL: The production during the first 24 hours was 295.15 barrels of liquid of which 98.9% was oil; % was emulsion; % water; and 1.1% was sediment. A.P.I. Gravity 44.2

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 2210       | T. Devonian 12590 | 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           | T. Ellenburger    | T. Point Lookout      |
| T. Grayburg        | T. Gr. Wash       | T. Mancos             |
| T. San Andres 4700 | T. Granite        | T. Dakota             |
| T. Glorieta        | T. Woodford 12495 | T. Morrison           |
| T. Drinkard        | T.                | T. Penn               |
| T. Tubbs           | T.                | T.                    |
| T. Abo 8100        | T.                | T.                    |
| T. Penn            | T.                | T.                    |
| T. Miss 11760      | T.                | T.                    |
| T. Wolfcamp 9340   |                   |                       |

## FORMATION RECORD

| From  | To    | Thickness in Feet | Formation              | From  | To    | Thickness in Feet | Formation    |
|-------|-------|-------------------|------------------------|-------|-------|-------------------|--------------|
| 0     | 301   | 301               | Redbed Shale & Shells  | 11777 | 11812 | 35                | Line & chert |
| 301   | 1590  | 1289              | Redbed & Shells        | 11812 | 11858 | 46                | Line         |
| 1590  | 2110  | 520               | Redbed, Shells, & Anhy | 11858 | 12021 | 163               | Line & Chert |
| 2110  | 2600  | 490               | Anhy                   | 12021 | 12059 | 38                | Line         |
| 2600  | 3342  | 742               | Anhy & Salt            | 12059 | 12113 | 54                | Line & Chert |
| 3342  | 4245  | 903               | Anhy & Gyp             | 12113 | 12436 | 323               | Line         |
| 4245  | 4710  | 465               | Anhy                   | 12436 | 12648 | 212               | Line & Shale |
| 4710  | 4815  | 105               | Anhy & Line            | 12648 | 12720 | 72                | Line         |
| 4815  | 8425  | 3610              | Line                   |       |       |                   |              |
| 8425  | 8460  | 35                | Line & Shale           |       |       |                   |              |
| 8460  | 10008 | 1548              | Line                   |       |       |                   |              |
| 10008 | 10225 | 217               | Line & Shale           |       |       |                   |              |
| 10225 | 10494 | 269               | Line                   |       |       |                   |              |
| 10494 | 10500 | 6                 | Line & Chert           |       |       |                   |              |
| 10500 | 10680 | 180               | Line                   |       |       |                   |              |
| 10680 | 10715 | 35                | Line & Shale           |       |       |                   |              |
| 10715 | 10755 | 40                | Line                   |       |       |                   |              |
| 10755 | 11152 | 397               | Line & Shale           |       |       |                   |              |
| 11152 | 11424 | 272               | Line                   |       |       |                   |              |
| 11424 | 11589 | 165               | Line & Chert           |       |       |                   |              |
| 11589 | 11605 | 16                | Line & Shale           |       |       |                   |              |
| 11605 | 11703 | 98                | Line                   |       |       |                   |              |
| 11703 | 11753 | 50                | Line & Shale           |       |       |                   |              |
| 11753 | 11777 | 24                | 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.

May 22, 1953

(Date)

Company or Operator The Atlantic Refining Co.

Address Box 1036 Denver City, Texas

Name Norman R. Davis

Position or Title District Superintendent