



# 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. If State Land submit 5 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Aztec Oil & Gas Company**

(Company or Operator)

**Burke**

(Lease)

Well No. **3**, in **SW** 1/4 of **NW** 1/4, of Sec. **27**, T. **19S**, R. **37E**, NMPM.

**Eumont**

Pool,

**Lea**

County.

Well is **1980** feet from **North** line and **660** feet from **West** line

of Section **27**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **Oct. 15**, 19**56** Drilling was Completed **Nov. 4**, 19**56**

Name of Drilling Contractor **Makin Drilling Company**

Address **Hobbs, New Mexico**

Elevation above sea level at Top of Tubing Head **3581 (KDB-3590')** The information given is to be kept confidential until

### OIL SANDS OR ZONES

No. 1, from **3794** to **3836** No. 4, from to

No. 2, from **3866** to **3914** 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 | Set at AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE    |
|--------|-----------------|-------------|---------------|--------------|---------------------|--------------|------------|
| 13 3/8 | 48              | New         | 65            | Texas        |                     |              | Conductor  |
| 9 5/8  | 36              | "           | 502           | Guide        |                     |              | Surface    |
| 7      | 23              | "           | 3977          | Float        |                     | 3794 - 3836  | Production |
| 2" EUE | 4.7             | "           | 3777          |              |                     |              | Tubing     |

### 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         | 65        | 80                  | Halliburton |             |                    |
| 12 1/4       | 9 5/8          | 502       | 375                 | "           |             |                    |
| 8 3/4        | 7              | 3977      | 1275                | "           |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

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

Perf. 3866 - 3914 and 3930 - 3950. Acidized w/500 gal. mud acid. Frac'd w/20,000 gal. refined oil and 20,000# sand. Swabbed 602 BLO and 100 BW in 50 hrs. Set packer. Zone 3866 - 3914 swab tested 100 BO and 80 BW in 24 hrs. Zone 3930 - 3950 swab tested 15 BO and 50 BW in 10 hrs. Squeezed 3930 - 3950 w/50 sacks. Set bridge plug at 3851. Perf. 3794 - 3836. Acidized w/500 gal. mud acid. Frac'd w/15,000 gal. refined oil and 15,000# sand. IP 192 BO/D. No water on 16/64" choke.

Result of Production Stimulation

Depth Cleaned Out

PBTD 3851'.

CORE LOG DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or detailed surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from surface 3982 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 November 8 56  
OIL WELL: I.P. 192 barrels of liquid of which 100 was oil; % was emulsion % water; and % was sediment. A.P.I. Gravity 34  
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. 1384           | T. Devonian    | T. Ojo Alamo            |  |
| T. Salt. 1506           | T. Silurian    | T. Kirtland-Fruitland   |  |
| B. Salt. 2567           | T. Montoya     | T. Farmington           |  |
| T. Yates. 2718          | T. Simpson     | T. Pictured Cliffs      |  |
| T. 7 Rivers. 2946       | T. McKee       | T. Menefee              |  |
| T. Queen. 3561          | T. Ellenburger | T. Point Lookout        |  |
| T. Grayburg. 3910       | T. Fort Worth  | T. Mancos               |  |
| T. San Andres           | T. Granite     | T. Dakota               |  |
| T. Glorieta             |                | T. Morrison             |  |
| T. Drinkard             |                | T. Penn.                |  |
| T. Tubbs                |                | T.                      |  |
| T. Abo                  |                | T.                      |  |
| T. Penn.                |                | T.                      |  |
| T. Miss.                |                | T.                      |  |

FORMATION RECORD

| From | To   | Thickness in Feet | Formation         | From | To | Thickness in Feet | Formation |
|------|------|-------------------|-------------------|------|----|-------------------|-----------|
| 0    | 1384 | 1384              | red beds, anhy.   |      |    |                   |           |
| 1384 | 2567 | 1183              | salt, anhy.       |      |    |                   |           |
| 2567 | 2750 | 183               | anhy.             |      |    |                   |           |
| 2750 | 2850 | 100               | dolo, anhy, sand. |      |    |                   |           |
| 2850 | 2946 | 96                | anhy, dolo.       |      |    |                   |           |
| 2946 | 3054 | 108               | dolo, anhy.       |      |    |                   |           |
| 3054 | 3330 | 276               | anhy, dolo, sand. |      |    |                   |           |
| 3330 | 3410 | 80                | dolo, sand.       |      |    |                   |           |
| 3410 | 3560 | 150               | anhy, dolo.       |      |    |                   |           |
| 3560 | 3590 | 30                | dolo, anhy, sand. |      |    |                   |           |
| 3590 | 3683 | 97                | anhy, dolo.       |      |    |                   |           |
| 3683 | 3914 | 231               | sand, dolo, anhy. |      |    |                   |           |
| 3914 | 3932 | 18                | dolo.             |      |    |                   |           |
| 3932 | 3980 | 48                | sand, dolo.       |      |    |                   |           |

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.

December 31, 1956  
Company or Operator Aztec Oil & Gas Company Address Box 347, Hobbs, New Mexico  
Name Position or Title District Superintendent