



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 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Aztec Oil & Gas Company

State VE

(Company or Operator) (Lease)
Well No. 2, in NW 1/4 of SE 1/4, of Sec. 31, T. 17S, R. 36E, NMPM.
Undesignated Pool, Lea County.
Well is 1980 feet from South line and 1980 feet from East line
of Section 31-17S-36E. If State Land the Oil and Gas Lease No. is E-5221
Drilling Commenced 11-30, 1963 Drilling was Completed 12-16, 1963
Name of Drilling Contractor Carper Drilling Company
Address Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 3881 KB The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5170 to 5194
4950 4960 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 |
|--------|-----------------|-------------|--------|--------------|---------------------|-----------------------|------------|
| 8 5/8" | 24# | New | 315 | Guide | | | Surface |
| 5 1/2" | 14# | Used | 5300 | Guide | | 5170-5194 & 4950-4960 | 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 |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| | 8 5/8" | 315 | 250 | Pump | | |
| 7 7/8" | 5 1/2" | 5300 | 200 | Pump | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 5170-94 Acidized w/500 gals. - Re-acidized w/2500 gals
Perf 4950-60 Acidized w/1000 gals acid, 30,000 gls oil & 60,000# sand

Result of Production Stimulation

Depth Cleaned Out 5233

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

JAN 2 1 37 PM '64

Rotary tools were used from 0 feet to 5300 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19
OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
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 | 1946 | | T. Devonian | | T. Ojo Alamo |
| T. Salt | 2041 | | T. Silurian | | T. Kirtland-Fruitland |
| B. Salt | 3129 | | T. Montoya | | T. Farmington |
| T. Yates | 3314 | | T. Simpson | | T. Pictured Cliffs |
| T. 7 Rivers | 3570 | | T. McKee | | T. Menefee |
| T. Queen | 4325 | | T. Ellenburger | | T. Point Lookout |
| T. Grayburg | 4766 | | T. Gr. Wash | | T. Mancos |
| T. San Andres | 4960 | | T. Granite | | T. Dakota |
| T. Glorieta | | | T. | | T. Morrison |
| T. Drinkard | | | T. | | T. Penn |
| T. Tubbs | | | 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 | 1946 | | Redbeds | | | | |
| 1946 | 2041 | | Anhy | | | | |
| 2041 | 3129 | | Salt | | | | |
| 3129 | 3284 | | Anhy | | | | |
| 3284 | 3520 | | Sand, Shale & Anhy | | | | |
| 3520 | 4940 | | Dolomite, sand, shale & Anhy. | | | | |
| 4940 | 5300 | | Dolomite & Sand | | | | |
| DST #1 - 5163-5263' T.O. 2 hrs, Rec 280' Muddy wtr. w/sulf. odor-F.P. 108-173# ISIP 1428 (30 min.) PSIP 1083 (60 min.) | | | | | | | |

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.

Company or Operator Address
Name DAVID A. DONALDSON Position Title
(Date)

DECEMBER 26, 1963

DEVIATION REPORT ON AZTEC OIL & GAS COMPANY

STATE VS #2 31-175-36E

LEA COUNTY, NEW MEXICO

DEPTH

285
933
1235
1586
1976
2195
2661
3124
3281
3470
3991
4329
4622
4854
5179

DEVIATION

10
10
10
10
3/4
3/4
1/2
1/4
1-1/2
1-3/4
1-1/2
1-1/2
1-3/4
1-1/2
10
10
10

State of New Mexico
County of Lea

Signed

David Donaldson
David Donaldson
District Geologist

Before me the undersigned authority, on this day personally appeared David Donaldson known to me to be the person whose name is subscribed to the above instrument who, being by me duly sworn that said report is true and correct, to the best of my knowledge.

Subscribed and sworn to before me this 30th day of December, 1963.

W. H. Vaughan
W. H. Vaughan

Notary Public in and for Lea County, New Mexico
My commission expires 10/24/65.

