

CONFIDENTIAL

10/12/83
TIGHT
KCC
Compt.

TYPE

AFFIDAVIT OF COMPLETION FORM
WICHITA BRANCH

ACO-1 WELL HISTORY

SIDE ONE

DOCKET NO. NP

(Rules 82-3-130 and 82-3-107)

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

Letter requesting confidentiality attached.

Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5313 EXPIRATION DATE June 30, yearly
OPERATOR F & M Oil Co. API NO. 15-077-20,943
ADDRESS 422 Union Center COUNTY Harper
Wichita, Kansas 67202 FIELD -----
** CONTACT PERSON E. A. Falkowski PROD. FORMATION -----
PHONE (316) 262-2636 Indicate if new pay.
PURCHASER ----- LEASE Mathes "B"
ADDRESS ----- WELL NO. 2
----- WELL LOCATION C NE NW
DRILLING Mustang Drilling & Exploration, Inc. 660 Ft. from North Line and
CONTRACTOR P.O. Box 1609 1980 Ft. from West Line of xxxx
ADDRESS Great Bend, KS 67530 the NW (Qtr.) SEC36 TWP32s RGE 8W (W).
PLUGGING Mustang Drilling & Exploration, Inc. WELL PLAT (Office Use Only)
CONTRACTOR P.O. Box 1609
ADDRESS Great Bend, KS 67530
TOTAL DEPTH 4906' PBTD -----
SPUD DATE 10-10-83 DATE COMPLETED 10-23-83
ELEV: GR 1383 DF 1392' KB 1394'
DRILLED WITH (CABLE) (ROTARY) (AXX) TOOLS.
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE -----
Amount of surface pipe set and cemented 252' DV Tool Used? None

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion -----. Other completion -----. NGPA filing -----.

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

E. A. Falkowski, being of lawful age, hereby certifies that:

I am the affiant and I am familiar with the contents of the foregoing Affidavit.

36

RELEASED

| | | | |
|-------------------|-----|---|------|
| Date: | NOV | 1 | 1984 |
| FROM CONFIDENTIAL | | | |

W8
Side TWO
OPERATOR ~~DE~~ M Oil Co.LEASE NAME Mathes "B" SEC 36 TWP 32S RGE 8W (W,
WELL NO 2

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers, logs run, or other Descriptive information.

| Formation description, contents, etc. | Top | Bottom | Name | Depth |
|---|------|--------|----------------|---------------------------|
| <u>Check if no Drill Stem Tests Run.</u> | | | | <u>SAMPLE TOPS:</u> |
| <u>Check if samples sent Geological Survey.</u> | | | | |
| Sand, Shale | 0 | 254 | Heebner | 3349 (-1955) |
| Sand, Red Bed | 254 | 430 | Iatan | 3740 (-2346) |
| Sand, Shale | 430 | 1357 | Stalnaker | 3745 (-2341) |
| Lime, Shale | 1357 | 1580 | B/Stalnaker | 3778 (-2384) |
| Shale | 1580 | 1884 | Kansas City | 3920 (-2526) |
| Lime, Shale | 1884 | 2320 | Stark | 4066 (-2677) |
| Shale, Lime | 2320 | 2653 | B/KC | 4144 (-2750) |
| Lime, Shale | 2653 | 3922 | Marmaton | 4192 (-2798) |
| Lime | 3922 | 4065 | Cherokee | 4324 (-2930) |
| Lime, Shale | 4065 | 4881 | Mississippi | 4466 (-3072) |
| Sand | 4881 | 4883 | Kinderhook | 4750 (-3356) |
| Dolomite and Sand | 4883 | 4906 | Chattanooga | 4808 (-3414) |
| RTD | 4906 | 4910 | Viola | 4831 (-3437) |
| LTD | 4910 | | Simpson | 4878 (-3484) |
| | | | RTD | 4906 (-3513) |
| | | | | <u>ELECTRIC LOG TOPS:</u> |
| DST #1 3743-3756', Stalnaker | | | Heebner | 3349 (-1955) |
| 30-45-45-60, str. blow off bottom of bucket in 4 min. on 1st open, wk. build. to bottom of bucket in 6 min. on 2nd open, rec 1325' mu. wtr., chl. 77,000 pp, pit chl. 56,000 ppm, IFP 94-294#, ISIP 1383#, FFP 378-567#, FSIP 1383#, HP 2031-1986#, BHT 121°. | | | Stalnaker | 3746 (-2352) |
| | | | Kansas City | 3920 (-2526) |
| | | | Cherokee Shale | 4323 (-2929) |
| | | | Mississippi | 4469 (-3075) |
| | | | Simpson Dolo. | 4878 (-3484) |
| | | | Simpson Sd. | 4887 (-3493) |
| | | | LTD | 4911 (-3517) |

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or (Used)

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
| Surface | 12 1/4" | 8 5/8" | 24# | 252' | common | 175 | 3%cc, 2% gel |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------------------|---------------|--------------|---------------|-------------|----------------|
| | | | | | |
| TUBING RECORD | | | | | |
| Size | Setting depth | | | | |

CONFIDENTIAL

State Survey
Michigan
Michigan Geological Survey
11
1932 RGE 8

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR F & M Oil Co. LEASE NAME Mathes "B"
WELL NO. 2

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing & Shut-in pressures, and recoveries.

SEC 36 TWP 32 RGE 8

Show Geological markers,
logs run, or Other
Descriptive information.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|---|-----|--------|------|-------|
| DST #2 4464-4475', Mississippi 30-60-45-60, gas to surface in 30 min. on 2nd open in 10 min. gauged 10,000 CF of gas, 20 minutes 7470 CF gas, 30 min. 6080 CF gas, 40 min. 6080 CF gas, recovered 60' gassy mud with tr. of oil on top, 65% mud, 35% wtr. IFP 63-52#, ISIP 1300#, FFP 63-63#, FSIP 1654#, HP 2460-2428#. Straight hole 4 3/4° off. | | | | |
| DST #3 4475-4485', Mississippi 30-60-45-90, str. blow off bottom of bucket in 1 min. on 1st & 2nd open, gas to surf. in 55 min., 30 min. into 2nd open gauged 7670 CF gas, 40 min. 7830 CF gas, rec 120' heavy oil & gas cut mud. wtr., 120' oil cut mud. watr., 180' wtr., grind out 1st 60' 10% gas, 20% oil, 30% mud, 40% wtr., 2nd 60' 10% gas, 15% oil, 50% wtr., 30% mud, 3rd 60' no gas, 10% oil, 60% wtr., 30% mud, 4th 60' no gas, 5% oil, 90% wtr., 5% mud, 5th 60' no gas 1% oil, 97% wtr., 2% mud, 6th 120' 98% wtr., 2% mud, IFP 42-73#, ISIP 1612#, FFP 115-189#, FSIP 1612#, HP 2376- 2345#, chl. on wtr. 115,000 ppm, chl. on pits 35,000 ppm. | | | | |
| DST #4 4871-4881', Simpson 30-30-30-60, no blow on 1st or 2nd open, rec 5' mud with a show of oil on top of took, IFP 42-42#, ISIP 84#, FFP 42-42#, FSIP 840#, HP 2512-2407#, BHT 140°. Going back to bottom now. | | | | |
| DST #5 4873-4883', Simpson 30-60-45-90, wk blow building to 9 1/2" on 1st open, wk blow building to bottom of bucket in 35 min. on 2nd open, rec 150' gas in pipe, 60' oil & wtr cut mud, grind out, 5% oil, 30% wtr 65% mud, 60' mud. wtr with a scum of oil, grind out, 45% mud, 55% wtr, 210' sl. mud. water, grind out 5% mud 95% wtr, chl. on wtr 85,000 ppm, chl. on pits 36,000 ppm IFP 52-73#, ISIP 1654#, FFP 105-136#, FSIP 1612#, HP 2565-2555#. | | | | |
| DST #6 4280-4301', Marmaton (straddle test) 30-30-30-30, wk blow died in 17 min. on 1st open, no blow on 2nd open, rec 5' mud, IFP 52-42#, ISIP 42#, FFP 42-42#, FSIP 42#, HP 2261-2240#. | | | | |
| RECEIVED STATE CORPORATION COMMISSION DEC 2 1983 | | | | |
| CONSERVATION DIVISION WATER | | | | |

RECEIVED
STATE CORPORATION COMMISSION

DEC 2 1982

CONSERVATION DIVISION
Wichita Kansas

CONTRACTOR

State Geological Survey
WICHITA BRANCH

P1

ACO-1 Well History

Side TWO
 OPERATOR F & M Oil Co. LEASE NAME Mathes "B" SEC 36 TWP 32s RGE 8W (W) XXX (W)

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| Formation description, contents, etc. | Top | Bottom | Name | Depth |
|--|------|--------|------|-------|
| Check if no Drill Stem Tests Run. | | | | |
| Check if samples sent Geological Survey. | | | | |
| Sand, Shale | 0 | 254 | | |
| Sand, Red Bed | 254 | 430 | | |
| Sand, Shale | 430 | 1357 | | |
| Lime, Shale | 1357 | 1580 | | |
| Shale | 1580 | 1884 | | |
| Lime, Shale | 1884 | 2320 | | |
| Shale, Lime | 2320 | 2653 | | |
| Lime, Shale | 2653 | 3922 | | |
| Lime | 3922 | 4065 | | |
| Lime, Shale | 4065 | 4881 | | |
| Sand | 4881 | 4883 | | |
| Dolomite and Sand | 4883 | 4906 | | |
| RTD | | 4906 | | |
| LTD | | 4910 | | |

1950
STATE
EDITION

DEC 1 1953

CONTRACTOR DIVISION
WICHITA, KANSAS