

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

### DESCRIPTION OF WELL AND LEASE

```
Operator: License # ..... 5313 .....
Name ..... F & M OIL CO., INC. ....
Address ..... 422 Union Center .....
..... Wichita, Kansas 67202 .....
City/State/Zip ..... ----- .....
```

**Purchaser**.....  
 .....  
 .....

Operator Contact Person ..... R. D. Messenger .....  
Phone ..... (316) 262-2636 .....

Contractor: License # ..... 5103 .....  
Name ..... Union Drilling Co., Inc. ....

Wellsite Geologist.....Bob Gebhart  
Phone.....(316)267-7209

**Designate Type of Completion**

☒ New Well    ☐ Re-Entry    ☐ Workover<sup>OT</sup>

|                              |                              |                                        |
|------------------------------|------------------------------|----------------------------------------|
| <input type="checkbox"/> Oil | <input type="checkbox"/> SWD | <input type="checkbox"/> Temp Abd      |
| <input type="checkbox"/> Gas | <input type="checkbox"/> Inj | <input type="checkbox"/> Delayed Comp. |

☒ Dry ☐ Other (Core, Water Supply etc.)

If OWN: old well info as follows:

```
Operator .....
Well Name .....
Comp. Date ..... Old Total Depth.....
```

### WELL HISTORY

**Drilling Method:**

☒ Mud Rotary ☐ Air Rotary ☐ Cable

|             |                 |                 |
|-------------|-----------------|-----------------|
| 3-26-85     | 4-7-85          | 4-7-85          |
| .....       | .....           | .....           |
| Spud Date   | Date Reached TD | Completion Date |
| 3885'       |                 |                 |
| .....       | .....           |                 |
| Total Depth | PBTD            |                 |

Amount of Surface Pipe Set and Cemented at.....351 feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt

API NO. 15-.....

County.....Norton

NE NE SW Sec. 27 Twp. 5S Rge. 23W ☐ East  
 . . . . . West

..... 2310 Ft North from Southeast Corner of Section  
 ..... 2970 Ft West from Southeast Corner of Section  
 (Note: Locate well in section plat below)

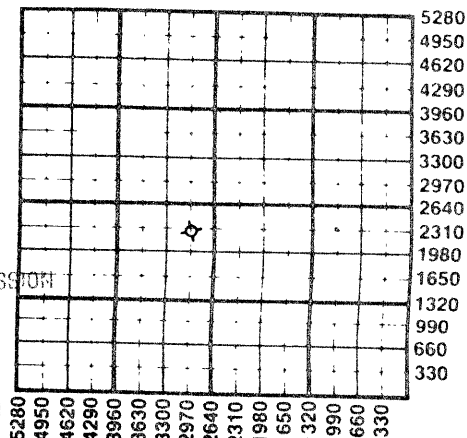
Lease Name.....Krauss "A".....Well #.....1.....

Field Name.....Wildcat.....

Producing Formation.....

Elevation: Ground.....2265'.....KB.....2275'

## Section Plat



## WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal  
 Docket # ..... ☐ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Farmers pond.  
Division of Water Resources Permit #.....

☐ Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec      Twp      Rge    ☐ East    ☐ West

☐ Surface Water.....Ft North from Southeast Corner  
(Stream,pond etc).....Ft West from Southeast Corner  
Sec      Twp      Rge      ☐ East      ☐ West

☐ Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature A. J. [Signature]

Title.....R. D. Messinger-Vice-President.....Date.....4-18-85

Subscribed and sworn to before me this 18th day of April

Notary Public *Shirley A. Gallegos*  
Shirley A. Gallegos

Date Commission Expires.....4-24-88

K.C.C. OFFICE USE ONLY

(F) ☒ Letter of Confidentiality Attached  
(C) ☒ Wireline Log Received  
C ☐ Drillers Timelog Received

### Distribution

|                                         |                                  |                                |
|-----------------------------------------|----------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> KCC | <input type="checkbox"/> SWD/Rep | <input type="checkbox"/> NGPA  |
| <input checked="" type="checkbox"/> KGS | <input type="checkbox"/> Plug    | <input type="checkbox"/> Other |

(Specify)

## SIDE TWO

Operator Name ..... F & M OIL CO., INC. ..... Lease Name ..... Krauss "A" ..... Well # ..... 1  
Sec. .... 27 ..... Twp. .... 5S ..... Rge. .... 23W ..... ☐ East  
☒ West ..... County ..... Norton .....

## WELL LOG

**CONFIDENTIAL**

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No  
Samples Sent to Geological Survey ☒ Yes ☐ No  
Cores Taken ☐ Yes ☒ No

Formation Description  
☒ Log ☐ Sample

DST#1 3364-3390', Topeka  
30-45-30-45, stg blow thruout, rec 170' SMW, IFP  
63-265#, ISIP 1236#, FFP 308-500#, FSIP 1225#, BHT  
95°, pit chl. 2,000 ppm, DST chl. 50,000 ppm.

DST#2 3415-3440', Toronto  
30-45-30-45, wk blow died in 25", flushed tool, no  
help, rec 15' mud w/oil spts w/gd show of free oil  
in top of tool, IFP 21-21#, ISIP 117#, FFP 21-31#,  
FSIP 95#, BHT 96°.

DST#3 3443-3460', Top Lansing  
30-45-30-45, wk blow died in 17", rec 5' oil spt mud  
w/gd show of oil in tool, IFP 21-21#, ISIP 21#, FFP  
21-21#, FSIP 21#, BHT 96°.

DST#4 3470-3490', Lans. 30' zone  
30-45-60-45, wk to gd blow on both opns, rec 65'  
oil & 180' SMW, IFP 42-53#, ISIP 1236#, FFP 74-106#,  
FSIP 1194#, BHT 96°, pit chl. 2,000 ppm, DST chl.  
45,000 ppm.

| Name                      | Top         | Bottom |
|---------------------------|-------------|--------|
| <u>Electric Log Tops:</u> |             |        |
| Anhydrite                 | 1882(+ 393) |        |
| B/Anhydrite               | 1914(+ 361) |        |
| Topeka                    | 3207(- 932) |        |
| Heebner                   | 3407(-1132) |        |
| Toronto                   | 3432(-1157) |        |
| Lansing                   | 3448(-1173) |        |
| B/KC                      | 3636(-1361) |        |
| Conglomerate Shale        | 3775(-1500) |        |
| Conglomerate Chert        | 3804(-1529) |        |
| Arbuckle                  | 3862(-1587) |        |
| LTD                       | 3886(-1611) |        |
| RTD                       | 3885(-1610) |        |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                                             |                                                                                                                                                   |                   |                                                                    |                   |                |                                  |
|-------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------|-------------------|----------------|----------------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                                             |                                                                                                                                                   |                   |                                                                    |                   |                |                                  |
| Purpose of String                                                                   | Size Hole<br>Drilled                        | Size Casing<br>Set (in O.D.)                                                                                                                      | Weight<br>Lbs/Ft. | Setting<br>Depth                                                   | Type of<br>Cement | #Sacks<br>Used | Type and<br>Percent<br>Additives |
| ...Surface.....                                                                     | ...12 1/4"....                              | ...8-5/8"....                                                                                                                                     | ...23#....        | ...351'...                                                         | ...common...      | ...175...      | ...2% gel, .3% CC                |
| .....                                                                               | .....                                       | .....                                                                                                                                             | .....             | .....                                                              | .....             | .....          | .....                            |
| .....                                                                               | .....                                       | .....                                                                                                                                             | .....             | .....                                                              | .....             | .....          | .....                            |
| PERFORATION RECORD                                                                  |                                             |                                                                                                                                                   |                   | Acid, Fracture, Shot, Cement Squeeze Record                        |                   |                |                                  |
| Shots Per Foot                                                                      | Specify Footage of Each Interval Perforated |                                                                                                                                                   |                   | (Amount and Kind of Material Used)                                 |                   | Depth          |                                  |
| .....                                                                               | .....                                       |                                                                                                                                                   |                   | .....                                                              |                   | .....          |                                  |
| .....                                                                               | .....                                       |                                                                                                                                                   |                   | .....                                                              |                   | .....          |                                  |
| .....                                                                               | .....                                       |                                                                                                                                                   |                   | .....                                                              |                   | .....          |                                  |
| .....                                                                               | .....                                       |                                                                                                                                                   |                   | .....                                                              |                   | .....          |                                  |
| TUBING RECORD                                                                       |                                             |                                                                                                                                                   |                   | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |                   |                |                                  |
| Size                                                                                |                                             | Set At                                                                                                                                            |                   | Packer at                                                          |                   |                |                                  |
| Date of First Production                                                            |                                             | Producing Method                                                                                                                                  |                   |                                                                    |                   |                |                                  |
|                                                                                     |                                             | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... |                   |                                                                    |                   |                |                                  |
| Estimated Production<br>Per 24 Hours                                                |                                             | Oil                                                                                                                                               | Gas               | Water                                                              | Gas-Oil Ratio     | Gravity        |                                  |
|                                                                                     |                                             | Bbls                                                                                                                                              | MCF               | Bbls                                                               | CFPB              |                |                                  |

## METHOD OF COMPLETION

## Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☐ Perforation  
☐ Sold ☐ Other (Specify) .....  
☐ Used on Lease ☐ Dually Completed  
☐ Commingled

**RELEASED...**  
**AUG 07 1986**  
**8-7-86**  
**FROM CONFIDENTIAL**

ACO-1 WELL HISTORY

PAGE 2 (Side One)  
 OPERATOR F & M OIL CO., LEASE NAME Krauss "A"  
 WELL NO. 1

SEC 27 TWP 5S RGE 23W (W)

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.

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

| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                                                                     | TOP | BOTTOM | NAME | DEPTH |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|------|-------|
| DST#5 3485-3505', Lans. 50' zone<br>30-45-30-45, wk blow on 1st opn, wk<br>blow died in 20" on 2nd opn, rec 20'<br>OCM w/gd show of oil in top of tool,<br>IFP 21-21#, ISIP 1236#, FFP 31-31#,<br>FSIP 1183# bldg., BHT 96°.                                                              |     |        |      |       |
| DST#6 3505-3525', Lans. 70-80' zone<br>30-45-60-45, fr to gd blow on both<br>opns, reached btm of bucket in 56",<br>rec 60' GIP, 30' clean gsy oil, 34'<br>gravity, 45' OCM, IFP 31-31#, ISIP<br>1183#, FSIP 1183# slightly bldg.,<br>FFP 31-42#, FSIP 1120#, slightly<br>bldg., BHT 96°. |     |        |      |       |
| DST#7 3528-3540', Lans. 90' zone<br>30-45-60-45, fr blow 5 inches into<br>wtr, rec 90' MW, IFP 31-31#, ISIP<br>1130#, FFP 53-607#, FSIP 1120#, BHT<br>96°.                                                                                                                                |     |        |      |       |
| DST#8 3554-3575', Lans. 120' zone<br>30-45-30-45, wk blow died in 12",<br>flushed tool, no help, rec 3' mud,<br>IFP 21-21#, ISIP 31#, FFP 21-21#,<br>FSIP 21#, BHT 98°.                                                                                                                   |     |        |      |       |
| DST#9 3576-3600', Lans. 145' zone<br>30-45-30-45, wk blow died in 51",<br>rec 15' OCM, IFP 31-31#, ISIP 361#,<br>FFP 31-31#, FSIP 85#, BHT 97°.                                                                                                                                           |     |        |      |       |
| DST#10 3601-3618', Lans 160-170' zone<br>30-45-30-45, wk blow died in 22",<br>rec 10' mud, IFP 21-21#, ISIP 21#,<br>FFP 21-21#, FSIP 21#, BHT 97°.                                                                                                                                        |     |        |      |       |

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APR 24 1985

State Geological Survey  
 WICHITA BRANCH

RECEIVED  
 STATE CORPORATION COMMISSION

APR 19 1985

CONSERVATION DIVISION  
 Wichita, Kansas

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