

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

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

Contractor: license # 5103
name Union Drilling Co., Inc.

Wellsite Geologist Phil Askey
Phone (316) 262-2636

Date Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator N/A/
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
6-25-84 7-5-84 7-5-84
Spud Date Date Reached TD Completion Date

3670' N/A
Total Depth PBT

1 of Surface Pipe Set and Cemented at 276' w/175' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set N/A feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15- 065-22,012 *Ind pl 2/5/84 TIGHT KCC 14-8-22 W*

County Graham

100' N of C NW NW Sec 14 Twp 8S Rge 22W East West
(location)

4620' Ft North from Southeast Corner of Section
4620' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

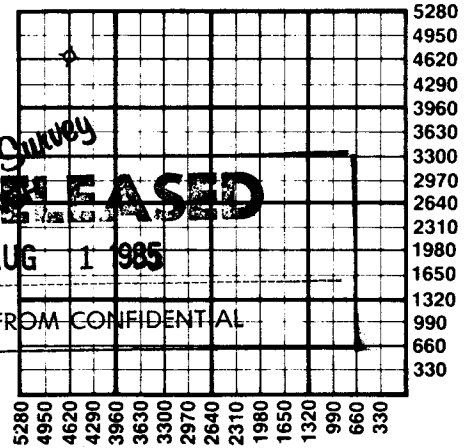
Lease Name Keith "A" Well# 1

Field Name N/A

Producing Formation N/A

Elevation: Ground 2058' KB 2068'

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Water well belonging to landowner
1/2 mile west of location.
Division of Water Resources Permit #

Groundwater..... Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water..... Ft North From Southeast Corner and
(Stream, Pond etc.)..... Ft West From Southeast Corner
Sec Twp Rge East West

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

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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 confidentiality in excess of 12 months.

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 early abandoned wells.

55131

SIDE TWO

Operator Name **F & M OIL CO., INC.** Lease Name **Keith "A"** Well# **1** SEC **14** TWP **8S** RGE **22W** East West

WELL LOG

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

0 515 Sand & Shale
515 1645 Redbed & Shale
1645 1650 Sand
1650 2155 Shale
2155 2435 Lime & Shale
2435 2705 Shale
2705 3163 Lime & Shale
3163 3321 Shale & Lime
3321 3670 Lime & Shale
3670 RTD

DST#1 3300-3321', Lns. "A"
30-30-30-30, wk blow died in 12" on 1st opn,
no blow on 2nd opn, tool slid 7', rec 10' mud,
no pressures, plugged tool w/cavings.

DST#2 3300-3321', Lns. "A"
Miss-run, plugged tool.

DST#3 3300-3321', Lns. "A"
Miss-run, plugged tool.

DST#4 3320-3350', Lns. "B"
30-45-45-45, gd blow in 8" on 1st & 2nd opn,
rec 250' SW, IFP 67-77#, ISIP 1187#, FFP 135-
125#, FSIP 1079#.

DST#5 3356-3368', Lns. "D"
30-30-30-30, vry wk blow thruout, rec 70' SW,
IFP 67-28#, ISIP 965#, FFP 67-38#, FSIP 926#.

DST#6 3375-3395', Lns. "E"&"F"
30-30-30-30, stg blow in 1" on 1st opn, stg
blow in 2" on 2nd opn, rec 1860' SW, IFP 202-
550#, ISIP 1098#, FFP 656-839#, FSIP 1098#.

Formation Description
 Log Sample

Name Top Bottom
Sample Tops:
Anhydrite 1640(+ 428)
B/Anhydrite 1678(+ 390)
Howard 3019(- 951)
Topeka 3118(-1050)
Deer Creek 3152(-1084)
Oread 3242(-1174)
Heebner 3269(-1201)
Toronto 3293(-1225)
Lansing 3308(-1240)
B/KC 3519(-1451)
Arbuckle 3635(-1567)
RTD 3670(-1602)

Electric Log Tops:
Anhydrite 1639(+ 429)
B/Anhydrite 1673(+ 395)
Howard 3014(- 946)
Topeka 3109(-1041)
Deer Creek 3147(-1079)
Oread 3237(-1169)
Heebner 3269(-1201)
Toronto 3290(-1222)
Lansing 3304(-1236)
B/KC 3513(-1445)
Marmaton 3535(-1467)
Conglomerate 3597(-1529)
Arbuckle 3625(-1557)
LTD 3660(-1592)

CASING RECORD new used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12 1/4"	8-5/8"	23#	276'	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

OPERATOR: F & M OIL CO., INC.
LEASE NAME: Keith "A" #1 ✓
LOCATION: 100' N of C NW NW Section 14-8S-22W
Graham County, Kansas

14-8-22Wpl

DATE
Date: AUG 1 1985
CONFIDENTIAL

DST#7 3470-3485', Lns. "J"

30-30-30-30, wk blow, died in 5" on 1st opn, no blow on 2nd opn, rec 3' mud w/oil spots, IFP 48-28#, ISIP 28#, FFP 48-28#, FSIP 28#.

DST#8 3487-3520', Lns. "K" & "L"

30-30-30-30, vry wk blow thruout on 1st opn, wk blow died in 10" on 2nd opn, rec 45' drlg mud w/oil spots (1% oil), IFP 67-38#, ISIP 752#, FFP 67-48#, FSIP 550#.

DST#9 3629-3640', Arbuckle(5')

30-30-30-30, wk blow died in 15" on 1st opn, no blow on 2nd opn, rec 10' HOCM, IFP 38-19#, ISIP 57#, FFP 19-9#, FSIP 19#.

DST#10 3639-3650', Arbuckle

30-30-30-30, wk blow died in 6" on 1st opn, no blow on 2nd opn, rec 10' OSMW, IFP 48-19#, ISIP 19#, FFP 38-19#, FSIP 19#.

DST#11 3650-3670', Arbuckle

30-30-30-30, stg blow in 1" on 1st & 2nd opn, rec 2660' SW, IFP 482-1146#, ISIP 1146#, FFP 1146-1146#, FSIP 1155#.

AUG 13 1985
State Geological Survey
WICHITA BRANCH