

TIGHT

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

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

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

WELL HISTORY

Drilling Method: [X] Mud Rotary, [] Air Rotary, [] Cable. Spud Date 6-25-84, Date Reached TD 7-5-84, Completion Date 7-5-84

Total Depth 3670', PBT D N/A

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

Multiple Stage Cementing Collar Used? [] Yes, [X] 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 -00-00. County Graham. 100' N of C NW NW Sec 14 Twp 8S Rge 22W. 4620' Ft North from Southeast Corner of Section, 4620' Ft West from Southeast Corner of Section (Note: locate well in section plat below)

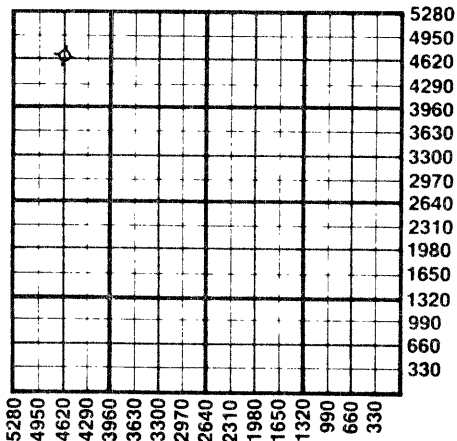
Lease Name Keith "A" Well# 1

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 ar (Well) Ft. West From Southeast Corner Sec Twp Rge [] East [] West

[] Surface Water. Ft North From Southeast Corner ar (Stream, Pond etc.) Ft West From Southeast Corn 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 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 of R. D. Messinger - Vice-President, Date 7-18-84, Subscribed and sworn to before me this 18th day of July 19 84, Notary Public Shirley A. Gallegos, Date Commission Expires 12-24-84

RECEIVED STATE CORPORATION COMMISSION CONSERVATION DIVISION JUL 20 1984 7-20-84 Wichita, Kansas

K.C.C. OFFICE USE ONLY. Letter of Confidentiality Attached, Wireline Log Received, Drillers Timelog Received, Distribution: [X] KCC, [X] KGS, [] SWD/Rep, [] Plug, [] NGPA, [] Other (Specify)

Form ACO-1 (This form supercedes previous forms ACO-1 & C-10)

Sec. 14 Twp. 8 Rge. 22W

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

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 [x] Yes [] No
Samples Sent to Geological Survey [x] Yes [] No
Cores Taken [] Yes [x] No

Formation Description
[x] Log [x] Sample

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

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)

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.

RELEASED

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

AUG 12 1985

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

FROM CONFIDENTIAL

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#.

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 table with columns: Purpose of string, size hole drilled, size casing set, weight lbs/ft, setting depth, type of cement, # sacks used, type and percent additives.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record tables.

TUBING RECORD table with columns: Date of First Production, Producing method, Estimated Production Per 24 Hours (Oil, Gas, Water, Gas-Oil Ratio, Gravity).

METHOD OF COMPLETION
Disposition of gas: [] vented [] sold [] used on lease
[] open hole [] perforation [] other (specify)
[] Dually Completed. [] Commingled

