7/30/84
Ind "TIGHT" KCC
P1

SIDE ONE

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.
address 422 Union Center
Wichita, KS 67202
City/State/Zip

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

Contractor: license # 5652
name Mustang Drilling & Exploration, Inc.

Wellsite Geologist Phil Askey
Phone (316)262-2636

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)

AUG 13 1985
State Geological Survey
WICHITA BRANCH

If NO: old well info as follows:
Operator N/A
Well Name ---
Comp. Date ------ Old Total Depth ----

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

7-21-84	7-30-84	7-30-84
Spud Date	Date Reached TD	Completion Date
4970'	N/A	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 441.57' feet w/315 sxs

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 - 109-20,333

County Logan

C SE NW (location) Sec 21 Twp 15s Rge 36w ☐ East ☒ West

3300 Ft North from Southeast Corner of Section
600 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

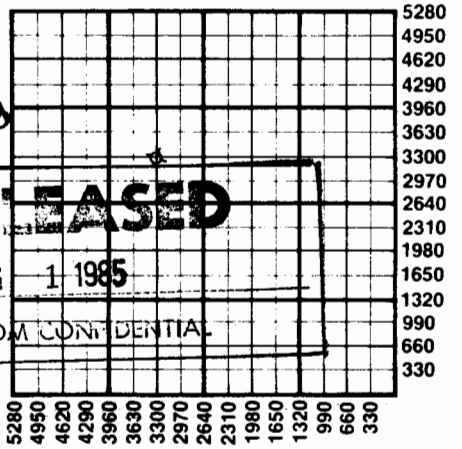
Lease Name Blau "A" **Well#** 1

Field Name N/A

Producing Formation ---

Elevation: Ground 3326 **KB** 3336

Section Plat



RELEASED
Date: AUG 1 1985
FROM CONFIDENTIAL

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # N/A

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

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

☒ Other (explain) purchased from feedlot
(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. AUG - 6 1984

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.

147394

SIDE TWO

Operator Name F & M Oil Co., Inc. Lease Name Blau "A" Well# 1 SEC 21 TWP 15s RGE 36w ☐ 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

Sand	0	451
Sand, Clay	451	1050
Sand, Shale	1050	1672
Shale	1672	1930
Shale, Clay	1930	2415
Shale	2415	3090
Clay, Lime	3090	3368
Lime, Shale	3368	4160
Shale, Lime	4160	4215
Lime, Shale	4215	4920
Lime	4920	4970
RTD		4970

DST#1 4095-4140', Lns. "A" zone
30-45-30-45, stg blow in 4" on 1st opn, stg blow in 7" on 2nd opn, rec 950' SMW w/a few oil spts, IFP 86-302#, ISIP 1116#, FFP 325-459#, FSIP 1116#

DST#2 4142-4155', Lns. "B"
30-45-60-45, gd blow in 15" on 1st opn, gd blow in 17" on 2nd opn, rec 680' SGMW, IFP 47-114#, ISIP 1147#, FFP 172-287#, FSIP 954#.

Electric Log Tops: Cont.

Foraker	3475 (- 139)	Marmaton	4517 (-1181)
Wabaunsee	3600 (- 264)	Cherokee Sh	4643 (-1307)
Tarkio	3683 (- 347)	Morrow Sh	4815 (-1479)
Topeka	3807 (- 471)	Morrow Sd	4886 (-1550)
Lecompton	3953 (- 617)	Mississippi	4916 (-1580)
Heebner	4042 (- 706)	LTD	4966 (-1630)
Toronto	4061 (- 725)		
Lansing	4094 (- 758)		
B/KC	4469 (-1133)		

Formation Description
☒ Log ☒ Sample

Name	Top	Bottom
Sample Tops:		
B/Anhydrite	2632 (+ 704)	
Herington	2936 (+ 400)	
Winfield	2976 (+ 360)	
Florence	3077 (+ 259)	
Wreford	3182 (+ 154)	
Neva	3390 (- 54)	
Red Eagle	3458 (- 122)	
Foraker	3526 (- 190)	
Wabaunsee	3633 (- 297)	
Tarkio	3732 (- 396)	
Topeka	3824 (- 488)	
Lecompton	3954 (- 618)	
Heebner	4046 (- 710)	
Toronto	4072 (- 736)	
Lansing	4104 (- 768)	
B/KC	4476 (-1140)	
Marmaton	4521 (-1185)	
Cherokee Sh	4649 (-1313)	
Morrow Sh	4820 (-1484)	
Morrow Sd	4890 (-1554)	
Mississippi	4920 (-1584)	
RTD	4970 (-1634)	
Electric Log Tops:		
Anhydrite	2608 (+ 728)	
B/Anhydrite	2626 (+ 710)	
Herington	2902 (+ 434)	
Winfield	2945 (+ 391)	
Florence	3048 (+ 288)	
Wreford	3131 (+ 205)	
Neva	3346 (+ 10)	
Red Eagle	3412 (- 76)	

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	12¼"	8 5/8"	23#	441.57'	common	275	3%cc, 2%gel

PERFORATION RECORD

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth