

"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.  
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.)

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  
7-21-84 7-30-84 7-30-84  
Spud Date Date Reached TD Completion Date  
4970' N/A  
Total Depth PBDT  
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 - 00-00  
County Logan  
C SE NW • Sec 21 Twp 15s Rge 36w

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

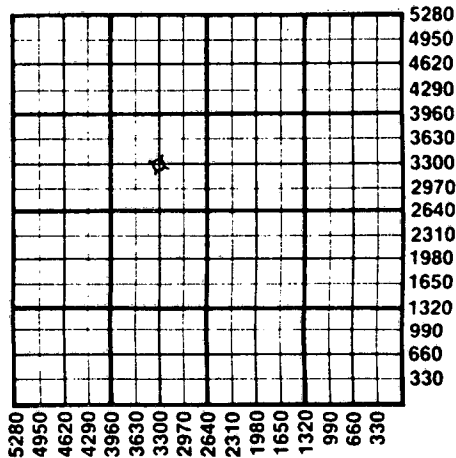
Lease Name Blau "A" Well# 1

Field Name N/A

Producing Formation

Elevation: Ground 3326 KB 3336

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # N/A  
 Groundwater... Ft North From Southeast Corner of (Well) ... Ft West From Southeast Corner  
Sec Twp Rge  East  West  
 Surface Water... Ft North From Southeast Corner of (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 82-3-10 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: Shirley A. Gallegos  
Title: President  
Date: 8-13-84  
Subscribed and sworn to before me this 13th day of August 1984  
Notary Public: Shirley A. Gallegos  
Date Commission Expires: 12-24-84

RECEIVED  
AUG 16 1984  
08-16-84  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas

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

Sec 21 Twp 15s Rge 36w

15-109-20333-00-00

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

Formation Description  
 Log  Sample

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

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)	

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.

raker	3475(- 139)	Marmaton	4517(-1181)
baunsee	3600(- 264)	Cherokee Sh	4643(-1307)
rkio	3683(- 347)	Morrow Sh	4815(-1479)
peka	3807(- 471)	Morrow Sd	4886(-1550)
compton	3953(- 617)	Mississippi	4916(-1580)
ebner	4042(- 706)	LTD	4966(-1630)
ronto	4061(- 725)		
nsing	4094(- 758)		
KC	4469(-1133)		

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 <input type="checkbox"/> new <input type="checkbox"/> 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#	441.57'	common	275	3%cc, 2%gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
				RELEASED AUG 12 1985 FROM CONFIDENTIAL			
TUBING RECORD					Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
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 Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  open hole  perforation  
 sold  other (specify) \_\_\_\_\_  
 used on lease  Dually Completed.  
 Commingled

PRODUCTION INTERVAL