

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 # 7442  
name Musgrove Petroleum Corporation  
address Box 1162  
City/State/Zip Great Bend, Kansas 67530

Operator Contact Person James C. Musgrove  
Phone 792-1383

Contractor: license # 9421  
name Boger Brothers Drilling

Wellsite Geologist James C. Musgrove  
Phone 792-1383

PURCHASER, Permian  
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  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
12-9-85 12-15-85 1-6-86  
Spud Date Date Reached TD Completion Date  
3356 3334  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 343 feet  
Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from 343 feet depth to surface w/ 200 SX cmt

API NO. 15-009-24,122-0000  
County Barton  
100' W N/2 N/2 SE Sec 24 Twp 17 Rge 11 West  
2310 Ft North from Southeast Corner of Section  
1420 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

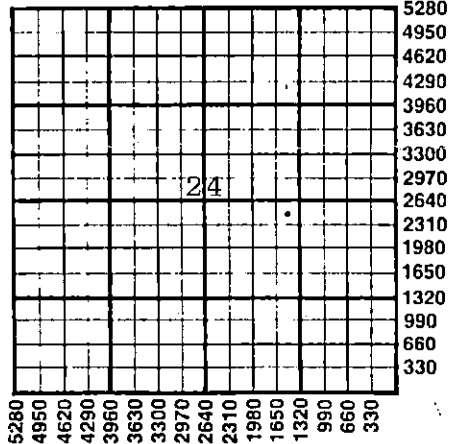
Lease Name McLean Well# 1

Field Name Kraft-Prusa

Producing Formation Arbuckle - Lansing

Elevation: Ground 1836 KB 1841

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # Haul  
 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) City of Claflin  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket # Haul

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 [Signature] Title President Date 2-21-86

Subscribed and sworn to before me this 21 day of February 19 86

Notary Public Delores L. Strecker  
Date Commission Expires 2-7-87



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

FEB 24 1986

CONSERVATION DIVISION

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

Sec. 24 Twp. 17 Rge. 11 West

Operator Name Musgrove Petroleum Lease Name McLean Well# 1 SEC 24 TWP 17 RGE 11  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

DST #1 3014-3075 (LSG)  
 30-30-30-30  
 Str blow GTS 2nd open TSTM  
 Recovery 300' hvy oil cut mud  
 240' mdy gsy oil  
 BHP - 302-297# FP (184-194) (209-218)  
 DST #2 3127-3190 (LSG)  
 45-30-30-30  
 10' mud SIP 293-276#  
 FP (59-67) (75-84)  
 DST #3 3252-3298 (ARB)  
 30-30 Recovery 5' mud  
 ISIP 84# IF 50-58#  
 DST #4 3252-3308 (ARB)  
 30-30-30-30 1200' hvy oil cut gassy water  
 SIP 1044-1035# FP (126-285) (411-563)  
 Move in double drum. Perf. arb. 3304-3306  
 2 s/ft. no fluid natural, 200 acid  
 swab 8 bbl/hr. 50% oil, 700' off bottom  
 Perf. 2 s/ft 3072-3076, 3045-3048  
 3025-3028, 5000 acid. Good show oil - gas.  
 Pull plug. Run tbg - rods

Name	Top	Bottom
Anhydrite (drl)	601	+1240
Heebner	2867	-1026
Toronto	2889	-1048
Lansing	2994	-1153
B/KC	3235	-1394
Conglomerate	3259	-1418
Arbuckle	3294	-1453
El. Log TD	3346	-1510

**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	343	60/40poz	200	2% gel-2% cc
Production	7 7/8	5 1/2	14#	3351	60/40poz	125	salt sat.

**PERFORATION RECORD**

**Acid, Fracture, Shot, Cement Squeeze Record**

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	3304-3306	200 NE	
2	3072-3076		
2	3045-3048	5000 NE	
2	3025-3028		

**TUBING RECORD**

size 2 7/8" set at 3325 packer at

Liner Run  Yes  No

Date of First Production

Producing method

flowing  pumping  gas lift  Other (explain)

1-10-86

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
75 Bbls		MCF	75 Bbls	CFPB	39

**METHOD OF COMPLETION**

**PRODUCTION INTERVAL**

Disposition of gas:  vented  
 sold  
 used on lease

open hole  perforation  
 other (specify)

Arb 3304-3306

Dually Completed.  
 Commingled

Lsg 3025-3076 (OA)