

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 1505123579 000 /
County Ellis

Operator: License # 5134

Name: Graham-Michaelis Corp.

Address P. O. Box 247

Wichita, KS 67201

City/State/Zip _____

Purchaser: N/A

Operator Contact Person: Jack L. Yinger

Phone (316) 264-8394

Contractor: Name: N/A

License: _____

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Graham-Michaelis Corp.

Well Name: Wolf 4-7

Comp. Date 10/3/83 Old Total Depth 3783'

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PSTD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. E-26,612

10/9/92 _____ 10/9/92
Spud Date _____ Date Reached TD _____ Completion Date _____

SE - NW - SW Sec. 7 Twp. 13S Rge. 19W XX^E

1650 Feet from S (circle one) Line of Section

4290 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Wolf Well # 4-7

Field Name Pfeifer North

Producing Formation Lansing

Elevation: Ground 2098' KB 2103'

Total Depth 3783' PSTD N/A

Amount of Surface Pipe Set and Cemented at 530' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set DV tool at 1435'/450 sx Feet

If Alternate II completion, cement circulated from _____
Cement circulated from 1435' to surface.
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan 12-7-82 PD
(Data must be collected from the Reserve Pit) owned

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Jack L. Yinger

Title Jack L. Yinger, Vice President Date 12/4/92

Subscribed and sworn to before me this 4th day of December 19 92.

Notary Public Aldine M. Johnson

Date Commission Expires _____



RECEIVED
12-7-92
DEC 7 1992
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
p1

Operator Name Graham-Michaelis Corp.

Lease Name Wolf

Well # 4

Sec. 7 Twp. 13S Rge. 19W

East

County Ellis

West

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
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Lansing	3418	3666

List All E.Logs Run:

~~This information was furnished when well~~
 was originally completed in 1983.

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		8-5/8"		530'		285	
Production		4-1/2"		3781'		175	
DV tool set at 1435.73'. Cemented first stage with 175 sacks common cement, 10% salt and 10 bbls flush ahead of cement. Cemented 2nd stage with 450 sacks common, 6% gel. Cement circ. to surface.							

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

PERFORATION RECORD - Bridge Plugs Set/Type

Shots-Per-Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	3452 - 3650' OA		

TUBING RECORD

Size 2-3/8" Set At 3433' Packer At 3433' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Started injection 10/29/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours: Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval _____