KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5123
Name: Pickrell Drilling Co. Inc.
Address: 100 S. Main, Suite 505
City/State/Zip: Wichita, Kansas 67202-3738
Purchaser: NCRA
Operator Contact Person: Larry J. Richardson
Phone: (316) 262-8427
Contractor: Name: Company Tools
License: 5123
Wellsite Geologist: Ken LeBlanc

Designate Type of Completion:
X New Well ____ Re-Entry ____ Workover
X 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:
Well Name:
Original Comp. Date: ____ Original Total Depth: ____
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Enhr.?) Docket No.

4-09-03	4-18-03	5-17-03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-24,217
County: Ness
SW SE . SE Sec. 25 Twp. 16 S. R. 26 ☐ East ☒ West
330' feet from (S) / N (circle one) Line of Section
990' feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Babcock "G" Well #: 4
Field Name: Arnold SW
Producing Formation: Mississippian
Elevation: Ground: 2602 Kelly Bushing: 2607
Total Depth: 4513 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 313' Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1966' Feet
If Alternate II completion, cement circulated from 313'
feet depth to surface w/ 180 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 2500 ppm Fluid volume 400 bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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:
Title: C.W. Sebits - President Date: 5-20-03

Subscribed and sworn to before me this 20th day of May, XX 2003.

Notary Public:
Date Commission Expires: 6-06-06

KCC Office Use ONLY
____ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

Operator Name: Pickrell Drilling Co. Inc. Lease Name: Babcock "G" Well #: 4

Sec. 25 Twp. 16S S. R. 26 ☐ East ☒ West County: Ness County

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy) ☒ Yes ☐ No

List All E. Logs Run:

Radiation Guard
Compensated Sonic

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3864(-1257)	
Lansing	3903(-1296)	
Stark	4148(-1541)	
Pawnee	4331(-1724)	
Fort Scott	4404(-1791)	
Cherokee Shale	4429(-1822)	
Mississippi	4487(-1880)	
Miss dolo	4491(-1884)	

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	# Sacjs Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	23#	313'KB	70/30poz	180sx	2%gel,3%CC
Production Csg.	7 7/8"	4 1/2"	10.5#	4505'	60-40 poz	125sx	3/41% CD-31
followed by					common	75sx	10%salt&CD-31

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone

Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Cmt thru Stage Col.	65-35 poz	435sx	6% gel w/1/4#FS/sx

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Open Hole 4505-4513	A-1000 gal. 15%	4505-4513

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4502		☐ Yes ☒ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
5-17-03	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	61	Nil	2		35.8

Disposition of Gas METHOD OF COMPLETION Production Interval 4505-4513'

☐ Vented ☐ Sold ☒ Used on Lease (If vented, Sumit ACO-18.)

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify)