

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

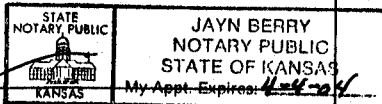
Operator: License # 6528
Name: R.J. Patrick Operating Company
Address: PO Box 1157
City/State/Zip: Liberal, Kansas 67905-1157
Purchaser: ONEOK Field Services
Operator Contact Person: RJ Patrick
Phone: (620) 624-8483
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Marvin Harvey
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: _____
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. _____
07-26-03 08-06-03 08/27/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 033-21358-00-00
County: Comanche County, Kansas
NE NE SE Sec. 1 Twp. 33 S. R. 19 ☐ East ☒ West
2310 feet from ☒ N (circle one) Line of Section
495 feet from ☒ W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner: 1300
(circle one) NE ☒ SE NW SW
Lease Name: Jacob Colter Well #: 1-1
Field Name: Colter
Producing Formation: Mississippian, Ft. Scott Pawnee
Elevation: Ground: 2044' 2049.8' Kelly Bushing: 2055' 2061' per Geo & logs
Total Depth: 6000' Plug Back Total Depth: 5470'
Amount of Surface Pipe Set and Cemented at 786 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 786
feet depth to surface w/ 325 sx cmt.
Drilling Fluid Management Plan ALL UG 9.10.03
(Data must be collected from the Reserve Pit)
Chloride content 9000 ppm Fluid volume 1800 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite:
Operator Name: Gene Dill
Lease Name: Regier License No.: 6652
Quarter _____ Sec. 17 Twp. 33 S. R. 27 ☐ East ☒ West
County: Meade Docket No.: C21232

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: RJ Patrick
Title: OWNER Date: 08/27/2003
Subscribed and sworn to before me this 27th day of August 2003
Notary Public: Jayn Berry
Date Commission Expires: 04/04/04



KCC Office Use ONLY

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution

Operator Name: R.J. Patrick Operating Company Lease Name: Jacob Colter Well #: 1 - 1
 Sec. 1 Twp. 33 S. R. 19 ☐ East ☒ West County: Comanche County, Kansas

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 ☐ Yes ☒ No ☐ Log Formation (Top), Depth and Datum ☐ Sample
 (Attach Additional Sheets)
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☐ Yes ☒ No
 (Submit Copy)
 List All E. Logs Run:

Name	Top	Datum
Heener Shale	4308' (-2247')	4344' (-2279')
Toronto	4320' (-2259')	4357' (-2292')
Lansing	4495' (-2434')	4545' (-2480')
Marmaton	5004' (-2943')	5054' (-2989')
Ft. Scott	5134' (-3073')	5180' (-3115')
Cherokee Sh	5144' (-3083')	5190' (-3125')
Mississippian	5228' (-3167')	5282' (-3217')
Viola	5861' (-3800')	5967' (-3902')

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
Conductor		20"		50'			
Surface	12-1/4"	8-5/8"	24#	786'	65/35 Class A	275	3%cc 1#floseal
Production	7-7/8"	4-1/2"	10.5#	5488'	50/50 Poz	175	18%salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

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
2	5228' to 5259' Miss.	4000 gal FE	5259'
2	5137' to 5139' Ft Scott	5000 gal FE	5139'
2	5120' to 22 - 5111' to 13 - 5103' to 05	1500 gal FE	5122
	PAWNEE		

UBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☒ No
	2 3/8	5148	5156	

ate of First, Resumed Production, SWD or Enhr, 8/25/2003 Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcl	Water Bbls.	Gas-Oil Ratio	Gravity
POINT/2 ZONES	total	3,231,000	0		

Position of Gas METHOD OF COMPLETION Production Interval 5228 to 5103

☐ Ventd ☐ Solid ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled
 (If ventd, Submit ACO-18.) ☐ Other (Specify)

ented 30 minutes each point No fluid
 ested by Less Oldham