

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33078
Name: Patrick Petroleum, LLC
Address: 6120 S. Yale, Suite 810
City/State/Zip: Tulsa, Oklahoma 74136
Purchaser: NA
Operator Contact Person: Loren D. Schmidt
Phone: (918) 477-7755
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: Loren D. Schmidt

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____

<u>12-3-02</u>	<u>12-9-02</u>	<u>5-15-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 207-26,783-00-00
County: Woodson
C NW NE Sec. 9 Twp. 24 S. R. 15 East West
660 feet from S / (N) (circle one) Line of Section
1980 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Stauffer Well #: 9-2
Field Name: Wissman

Producing Formation: Riverton Coal
Elevation: Ground: 1088 Kelly Bushing: NA
Total Depth: 1600 Plug Back Total Depth: 1576
Amount of Surface Pipe Set and Cemented at 45.5 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1588
feet depth to surface w/ 265 sx cmt.

Drilling Fluid Management Plan *Alt II RJP 11-18-04*
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used Air Dried
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

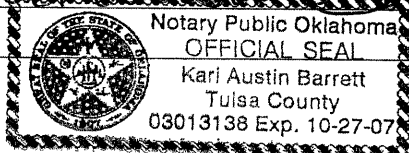
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Loren D. Schmidt
Title: Senior Geologist/Partner Date: 5-11-04

Subscribed and sworn to before me this 11 day of May, 2004

Notary Public: Kari Austin Barrett



KCC Office Use ONLY

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

X

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Operator Name: Patrick Petroleum, LLC Lease Name: Stauffer Well #: 9-2
 Sec. 9 Twp. 24 S. R. 15 East West County: Woodson

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
 (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:

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name	Top Datum
	Base Kansas City Group	814 +274
	Altamont Ls.	982 +106
	Pawnee Ls.	1060 +28
	Ft. Scott Ls.	1102 -14
	Riverton Coal	1494 -406
	Mississippian Ls.	1508 -420

Compensated Density - Neutron Log
 Dual Induction SFL/GR Log
 Cement Bond Log

CASING RECORD <input type="checkbox"/> New <input checked="" 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	11"	8 5/8"	23	45.5	Portland	8	NA
Production	7 7/8"	5 1/2"	15.5	1588	Arkoma Lite	265	NA

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
4 spf	1494-1496	Acid: 462 gals 15% HCl	1494-1496
		Frac: 14,025# 20/40 sd, 6,013# 12/20 sd	1494-1496
		853 bbls fresh water w/ bactericide	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	1457'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
6-6-2003	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	0	Trace	110	

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____



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CEMENT JOB REPORT

CUSTOMER Patrick Exploration Co.			DATE 19-DEC-02		F.R. # 1001123872		SERV. SUPV. Danny Bane				
LEASE & WELL NAME STAUFFER 9-2 - API 15207267830000			LOCATION 9-24S-15E			COUNTY-PARISH-BLOCK Woodson Kansas					
DISTRICT McAlester			DRILLING CONTRACTOR RIG #			TYPE OF JOB Long String					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 5-1/2 in		Float Shoe/Poppet Valve 5-1/2 - 8rd			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Centralizer, with Pins, 5-1/2 in									
MATERIALS FURNISHED BY BJ											
Fresh Water						8.34				10	
Arkoma Lite 50/50(Poz/Type1)					265	14.3	1.25	5.32		59	33.57
Fresh Water						8.34				37.84	
Available Mix Water 40 Bbl.		Available Displ. Fluid 110 Bbl.							TOTAL	106.84	33.57
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
7.875	20	1607	5.5	15.5	CSG	1590	J-55	1590	1588		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
								5.5	8RND	FRESH WATER	8.34
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
37.8	BBLs	Fresh Water	8.34	493	0	0	0	0	3848	2000	Hurricane trucks
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:							Arrive at 10:00; Safety meeting, rig up.				
PRESSURE/RATE DETAIL						EXPLANATION					
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES 3000 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
11:34					WATER	Test lines to 3000 PSI					
11:37	130		4.1	5	WATER	End of water ahead, start slurry 14.3 PPG					
11:54	116		4.3	59	CEMENT	End of slurry, wash pump, drop plug					
11:58	200		5.3	6	WATER	6 bbl displaced, catch cement. see lift					
12:01	620		3.4	29	WATER	bbl displaced, cement to surface					
12:03	524		3.1	1	WATER	30 bbl displaced, slow rate to bump plug					
12:06	660		3	8	WATER	38 bbl displaced, bump plug, pressure to 1275 PSI					
12:07	0		0	-25		Check float, 1/4 bbl back, float holding					
						Circulated 8 bbl, 36 sx cement to surface					
						Thanks for using BJ Services, Danny and Crew !...					
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERV. SUPV.				
<input checked="" type="checkbox"/>	N 660	<input checked="" type="checkbox"/>	N 8	102	0	Y <input type="checkbox"/>					

**Drillers Log
McPherson Drilling LLC**

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Rig: 1			
API No. 15- 207-26783-0000			
Operator: Patrick Petroleum LLC			
Address: 6120 S. Yale, Suite 810 Tulsa, OK 74136			
Well No: 9-2	Lease Name: Stauffer		
Footage Location:	660 ft. from the	North	Line
	1980 ft. from the	East	Line
Drilling Contractor: McPherson Drilling LLC			
Spud date:	12/3/02	Geologist:	Bernie Boysen
Date Completed:	12/9/02	Total Depth:	1600'

S. 9 T. 24 R. 15 E
Loc:
County: Woodson

Gas Tests:		
1086'	Trace	MCF
1140'	Trace	MCF
1326'	2.76	MCF
1366'	0.00	MCF

Casing Record		
	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	McPherson
Weight:	20#	
Setting Depth:	45.5'	
Type Cement:	Portland	
Sacks:	8	McPherson

Rig Time:	

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	4	lime	959	993	shale	1505	1506
shale	4	14	shale	993	1003	Miss lime	1506	1600
lime	14	35	sand/shale	1003	1006			
shale	35	155	sand	1006	1015			
lime	155	160	sand/shale	1015	1050			
sandy lime	160	180	lime	1050	1069			
shale	180	351	shale	1069	1082			
lime	351	360	lime	1082	1084			
shale	360	365	shale	1084	1100			
lime	365	400	lime (Osw)	1100	1130			
shale	400	422	Summit	1130	1135			
lime	422	447	lime	1135	1137			
shale	447	460	Mulky	1137	1140			
sandy lime	460	540	shale	1140	1141			
shale	540	560	sand (oil)	1141	1160			
sandy lime	560	575	sand/shale	1160	1254			
sand(wet)	575	585	sand	1254	1260			
sandy lime	585	625	sand/shale	1260	1350			
shale	625	680	coal	1350	1356			
lime	680	746	shale	1356	1491			
shale	746	777	coal	1491	1492			
lime	777	815	shale	1492	1503			
shale	815	959	coal	1503	1505			

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