

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. _____
12-4-02 12-6-02 6-17-03
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 207-26,782-00-00
County: Woodson
NE SW NW SW Sec. 9 Twp. 24 S. R. 15 East West
1960 feet from (S) N (circle one) Line of Section
650 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Steele Well #: 9-1
Field Name: Wissman
Producing Formation: Riverton Coal
Elevation: Ground: 1107 Kelly Bushing: NA
Total Depth: 1647 Plug Back Total Depth: 1642
Amount of Surface Pipe Set and Cemented at 44.5 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1642
feet depth to surface w/ 290 sx cmt.

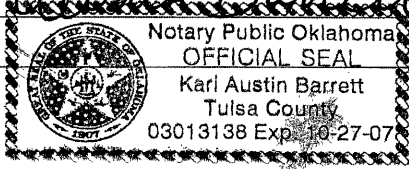
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Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used Air Dried
Location of fluid disposal if hauled offsite: Alf II RSP 11-15-04
Operator Name: _____
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: 3-19-04
Subscribed and sworn to before me this 12 day of May, 2004.
Notary Public: Karl Austin Barrett
Date Commission Expires: _____



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

ORIGINAL

Operator Name: Patrick Petroleum, LLC Lease Name: Steele Well #: 9-1
 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:

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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name	Top Datum
	Base Kansas City Group	844 +263
	Altamont Ls.	1012 +95
	Pawnee Ls.	1087 +20
	Ft. Scott Ls.	1134 -27
	Riverton Coal	1535 -428
	Mississippian Ls.	1558 -451

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	44.5	Portland	8	NA
Production	7 7/8"	5 1/2"	15.5	1642	Arkoma Lite	290	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	1535-1537	Acid: 400 gals 15% HCl	1535-1537
		Frac: 6,700 # 20/40 sd, 4,900 # 12/20 sd	1535-1537
		510 bbls gelled fresh water	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	1488'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
9-1-2003		<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	353		

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 _____



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CEMENT JOB REPORT

CUSTOMER Patrick Exploration Co.		DATE 23-DEC-02	F.R. # 1001124174	SERV. SUPV. Danny Bane								
LEASE & WELL NAME STEEL# 9-1 - API 15207267820000		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)					290	14.3	1.25	5.3		64.6	36.62	
Fresh Water					8.34					39.1		
Available Mix Water <u>40</u> Bbl. Available Displ. Fluid <u>100</u> Bbl.										TOTAL	113.7	36.62

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
7.875		1647	5.5	15.5	CSG	1642	J-55	1644	1642		
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	
39.1	BBLS	Fresh Water	8.34	510	0	0	0	0	3848	2000	Hurricane

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive at 14:15; 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	
14:40					WATER	CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
15:54	90		4.1	10	WATER	Test lines to 3000 PSI	
15:09	145		4.4	64.6	CEMENT	End of water ahead, start slurry at 14.3 PPG	
15:14	173		4	13	WATER	End of Slurry, wash pump, drop plug	
15:21	570		3	19	WATER	13 bbl displaced, catch cement, see lift	
15:23	650		2.8	7	WATER	32 bbl displaced, cement to surface	
15:24	0		0	-2		39.1 bbl displaced, bump plug, pressure to PSI	
						Check float, 2/10 bbl back, float holding	
						Circulated 7 bbl, 30 sx cement to surface	

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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"/> Y <input type="checkbox"/> N	650	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	7	114	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>Danny Bane</i> Report For Kansas Corp. Commission

**Drillers Log
McPherson Drilling LLC**

ORIGINAL

Rig: 2			
API No. 15- 207-26782-60-00			
Operator: Patrick Petroleum LLC			
Address: 6120 S. Yale, Suite 810 Tulsa, OK 74136			
Well No: 9-1	Lease Name: Steele		
Footage Location:	1960 ft. from the	South	Line
	650 ft. from the	West	Line
Drilling Contractor: McPherson Drilling LLC			
Spud date:	12/4/02	Geologist:	Bernie Boysen
Date Completed:	12/6/02	Total Depth:	1647'

S. 9	T. 24	R. 15
Loc: C NW/SW		
County: Woodson		

Gas Tests:		
1085'	3.92	MCF
1126'	0.00	MCF
1326'	7.06	MCF
1467'	0.00	MCF
1527'	0.00	MCF
1567'	3.39	MCF

Casing Record		
	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	McPherson
Weight:	20#	
Setting Depth:	44.5'	
Type Cement:	Portland	
Sacks:	8	McPherson

Rig Time:	

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	7	shale	701	708	oil sand	1165	1180
lime	7	8	lime	708	870	sandy shale	1180	1210
shale	8	42	shale	870	990	shale	1210	1260
lime	42	54	lime	990	1030	lime	1260	1262
shale	54	113	sand	1030	1050	shale	1262	1280
sand	113	120	lime	1050	1058	sand	1280	1299
shale	120	201	sandy lime	1058	1070	shale	1299	1310
sandy lime	201	205	shale	1070	1088	sand/shale	1310	1326
sand	205	215	lime	1088	1090	sand	1326	1330
sand/shale	215	230	shale	1090	1096	sand/shale	1330	1365
shale	230	340	lime	1096	1100	shale	1365	1420
lime	340	414	shale	1100	1108	sand	1420	1430
shale	414	418	lime	1108	1113	shale	1430	1450
lime	418	439	shale	1113	1116	coal	1450	1452
shale (blk)	439	452	lime	1116	1119	shale	1452	1510
lime	452	480	shale	1119	1121	coal	1510	1511
shale (blk)	480	487	lime	1121	1125	shale	1511	1520
sandy lime	487	615	sand	1125	1136	coal	1520	1521
sand (wet)	615	628	shale	1136	1151	shale	1521	1525
sandy lime	628	660	lime	1151	1156	lime	1525	1526
shale	660	678	shale	1156	1160	shale	1526	1545
shale (red)	678	698	lime	1160	1162	coal	1545	1547
lime	698	701	shale	1162	1165	shale	1547	1557
						Miss lime	1557	1647

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