

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
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 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. _____

<u>12-11-02</u>	<u>12-13-02</u>	<u>6-21-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 207-26,786-00-00
County: Woodson
60 W of CSW Sec. 18 Twp. 24 S. R. 17 East West
1320 feet from (S) / N (circle one) Line of Section
1260 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Specht Well #: 18-1
Field Name: Neosha Falls-Leroy
Producing Formation: Riverton Coal
Elevation: Ground: 1032 Kelly Bushing: NA
Total Depth: 1347 Plug Back Total Depth: 1344
Count of Surface Pipe Set and Cemented at 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1344
feet depth to surface w/ 240 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ALT II RSP 1116-02*
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: 5-12-04
Subscribed and sworn to before me this 12 day of May,
20 04
Notary Public: Karl Austin Barrett
Date Commission Expires: _____
Notary Public Oklahoma
OFFICIAL SEAL
Karl Austin Barrett
Tulsa County
03013138 Exp. 10-27-07

KCC Office Use ONLY
NO Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

ORIGINAL

Side Two

Operator Name: Patrick Petroleum, LLC Lease Name: Specht Well #: 18-1
Sec. 18 Twp. 24 S. R. 17 [X] 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 [X] No (Attach Additional Sheets)
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No (Submit Copy)
List All E. Logs Run:

Table with 3 columns: Name, Formation (Top), Depth and Datum, Datum. Rows include Base Kansas City Group, Altamont Ls., Pawnee Ls., Ft. Scott Ls., Riverton Coal, and Mississippian Ls.

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

CASING RECORD table with columns: 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. Rows for Surface and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD table with columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record, Depth.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumerd Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas METHOD OF COMPLETION Production Interval
[] Vented [] Sold [X] Used on Lease [] Open Hole [X] Perf. [] Dually Comp. [] Commingled
(if vented, Submit ACC-18.) [] Other (Specify)

ORIGINAL



CEMENT JOB REPORT

CUSTOMER Patrick Exploration Co.			DATE 05-FEB-03		F.R. # 1001124175		SERV. SUPV. Danny Bane				
LEASE & WELL NAME SPECHT 18-1 - API 15207267860000			LOCATION 18-24S-17E			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)						240		14.3		30.27	
Fresh Water						8.34				32.1	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED KANSAS CORPORATION COMMISSION MAY 17 2004 </div>											
Available Mix Water 40 Bbl.			Available Displ. Fluid			TOTAL			95.5		30.27
HOLE				TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH	GRADE	SHOE	FLOAT	STAGE		
7.875		1347	5.5	15.5	1346	J-55	1346	1344			
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	
32.1	BBLs	Fresh Water	8.34	418	0	0	0	0	3848	2000	Hurricane
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:							Arrive at 15:00; 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 3500 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
15:23					WATER	Test lines to 3000 PSI					
15:28	80		5	5	WATER	End of water ahead, start slurry at 14.3 PPG					
15:43	50		4.3	53.4	CEMENT	End of slurry, wash pump, drop plug					
15:45	225		4.3	6	WATER	6 bbl displaced, catch cement					
15:52	360		2.6	22	WATER	28 bbl displaced, cement to surface					
15:56	440		2.1	4.2	WATER	32.2 bbl displaced, bump plug, pressure to 900 PSI					
				-2		Check float, 2/10 bbl back, float holding					
						Circulated 4 bbl, 20 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 440	<input checked="" type="checkbox"/>	N 4	91	0	Y <input checked="" type="checkbox"/>					

**Drillers Log
McPherson Drilling LLC**

ORIGINAL

Rig: 1			
API No. 15- 207-26786-0000			
Operator: Patrick Petroleum LLC			
Address: 6120 S. Yale, Suite 810 Tulsa, OK 74136			
Well No: 18-1	Lease Name: Specht		
Footage Location:	1320 ft. from the	South Line	
	1260 ft. from the	West Line	
Drilling Contractor: McPherson Drilling LLC			
Spud date: 12/11/02	Geologist: Bernie Boyson		
Date Completed: 12/13/02	Total Depth: 1347'		

S. 18 T. 24 R. 17e
Loc:
County: Woodson

Gas Tests:		
804'	1.35	MCF
873'	3.92	MCF
1026'	4.42	MCF
1254'	2.76	MCF
1287'	3.39	MCF

Casing Record		
	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	McPherson
Weight:	23#	
Setting Depth:	40'	
Type Cement:	Portland	
Sacks:	8	McPherson

Rig Time:	

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Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	8	lime	794	808			
shale	8	82	shale	808	815			
lime	82	88	lime	815	819			
sand (wet)	88	125	shale	819	835			
lime	125	160	Oswego lime	835	860			
shale	160	204	shale	860	863			
lime	204	230	lime	863	868			
shale	230	242	shale	868	871			
lime	242	345	lime	871	873			
sand	345	359	sand/shale	873	880			
shale	359	375	sand	880	899			
lime	375	522	sand/shale	899	970			
shale	522	565	sand	970	1011			
sand	565	580	coal	1011	1012			
sand/shale	580	690	sand/shale	1012	1245			
lime	690	701	coal	1245	1246			
shale	701	718	shale	1246	1249			
lime	718	726	coal	1249	1252			
shale	726	740	shale	1252	1254			
sand	740	750	Miss lime	1254	1347 TD			
shale	750	786						
Pink lime	786	790						
shale(blk)	790	794						

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 KANSAS CORPORATION COMMISSION
MAY 17 2004
 CONSERVATION DIVISION
 WICHITA, KS