

## 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 # 33078	API No. 15 - 207-26,768-00-00
Name: Patrick Petroleum, LLC	County: Woodson
Address: 6120 S. Yale, Suite 810	N/2 - N/2 - S/2 Sec. 4 Twp. 24 S. R. 15 🗹 East 🗌 West
City/State/Zip: Tulsa, Oklahoma 74136	feet from S N (circle one) Line of Section
Purchasar: NA	feet from E / (W) (circle one) Line of Section
Operator Contact Person: Loren D. Schmidt RECEIVED	Footages Calculated from Nearest Outside Section Corner:
Phone: (918) 477-7755 MAY 1 0 2004	(circle one) NE SE NW (SW)
Contractor: Name: McPherson Drilling	Lease Name: Stockebrand Well #: 4-1
License: 5675 KCC WICHITA	Field Name: Wissman
Wellsite Geologist: Loren D. Schmidt	Producing Formation: Weir-Pittsburg Coal
Designate Type of Completion:	Elevation: Ground: 1064 Kelly Bushing: NA
New Well Re-Entry Workover	Total Depth: 1589 Plug Back Total Depth: 1566
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 40.7 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1566
Operator:	feet depth to surface w/ 265 sx cmt.
Well Name:	HUTINHM 10-16-06
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride contentppm Fluid volumebbls
Commingled Docket No	Dewatering method used Air Dried
Dual Completion Docket No.	Location of fluid disposal if hauled offsite:
	Operator Name:
·	Lease Name: License No.:
8-12-02         8-14-02         4-21-03           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec. Twp. S. R. East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	The second gas madely may been folly complice with and the statements
Rolle Loren D. Schwidt	KCC Office Hop ONLY
Signature:	KCC Office Use ONLY
Title: Senior Geologist/Partner Date: 5-1-04	Letter of Confidentiality Attached
Subscribed and sworn to before me thisday of	If Denied, Yes Date:
20 04.	Wireline Log Received
1 1 mortale control de la considera de la cons	Geologist Report Received
Notary Public: Notary Public Oklahoma	UIC Distribution
Date Commission Expires: OFFICIAL SEAL Karl Austin Barrett	
Tulsa County 03013138 Exp. 10-27-07	
	<b>₩</b>

## Side Two

sted, time tool open and mperature, fluid recover ectric Wireline Logs sur will Stem Tests Taken (Attach Additional Sheet amples Sent to Geologic ores Taken	important tops and closed, flowing ry, and flow rates veyed. Attach fin	East West  d base of formations pe and shut-in pressures, v if gas to surface test, al hal geological well site re	whether shu	Detail all ut-in pre	cores. Report	static level, hydro	static pressure	s, botto	m hole
sted, time tool open and imperature, fluid recover ectric Wireline Logs surfill Stem Tests Taken (Attach Additional Sheet amples Sent to Geologic ores Taken (Submit Copy)	d closed, flowing ry, and flow rates veyed. Attach fin	and shut-in pressures, v if gas to surface test, al nal geological well site re	whether shu	ut-in pre	ssure reached	static level, hydro	static pressure	s, botto	m hole
(Attach Additional Shee amples Sent to Geologic ores Taken ectric Log Run (Submit Copy)	•	☐ Yes 🔽 No			·				
amples Sent to Geologic ores Taken ectric Log Run (Submit Copy)	•	rill Stem Tests Taken Yes No (Attach Additional Sheets)				☑ Log Formation (Top), Depth and Datum			Sample
ores Taken ectric Log Run (Submit Copy)	· - <b>,</b>	Yes No		Name Base Kansas City Group			Тор 795		Datum +269
(Submit Copy)	ores Taken				nontlo	Gloup	962		+102
	Electric Log Run			Pawi	nee Ls.		1041	+	+23
et All Elloge Run:				Ft. S	cott Ls.		1082	_	18
A All E. Logo Hall.				Weir	-Pittsburg C	oal	1336	-	272
Compensated De		on Log		Rive	rton Coal		1473	-	409
Dual Induction SF Dement Bond Log				Miss	issippian Ls		1493	-	429
		CASING I		Ne		tion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigi Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	11"	8 5/8"	23	3	40.7'	Portland	8	N	
Production	7 7/8"	5 1/2"	15.5	5	1566	Arkoma Lite	265	N/	4
		ADDITIONAL	CEMENTIN	IG / SQL	JEEZE RECORE	)			
Purpose:  Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Cement	#Sacks t	Used	ed Type and Percent Additives				
Plug Off Zone									
Shots Per Foot		ON RECORD - Bridge Plug ootage of Each Interval Perl		***************************************		cture, Shot, Cement mount and Kind of Ma		i	Depth
4 spf	1336-1340				Acid: 400gals 15% HCl			1336-13	
					Frac: 10,00	00# 20/40 sd, 6	sd, 6,000# 12/20 sd		1336-13
					750 1	obls fresh wate	r w/ bacterio	ocide	
			·····	·			MADO A 7 M. CONT. (1981) 1981 1981 1981 1981 1981 1981 1981		
TUBING RECORD	Size 2 7/8"	Set At 1320'	Packer At		Liner Run	Yes V No		***************************************	
Date of First, Resumerd Pro	duction, SWD or Er		hod	7 510			· ` □ ~		
5-27-20 Estimated Production Per 24 Hours	Oil E	1	Mcf	Flowing Wate	er B	Bbls. G	ias-Oil Ratio	r (Explain	Gravity
Disposition of Gas	METHOD OF CO	Trace				51			<del></del>
				-	Production Inter	vai			
_ Vented _ Sold _✓ (If vented, Submit	Used on Lease  ACO-18.)	Open Hole Other (Speci	Perf.		Dually Comp.	Commingled			

## BJ Services Company



REMIT TO: P.O. BOX 4346 - Dept. 393 HOUSTON, TX 77210-4346

INVOICE NO. **OUR RECEIPT NO.** DATE 1002040 1001123868 12/19/2002 CUSTOMER NO. COST CENTER YOUR ORDER NO. 20051202 1294

Patrick Exploration Co. 6120 S. Yale, Suite 810 Tulsa Oklahoma 74136

RECEIVED MAY 1 0 2004 KCC WICHITA

SERVICES FROM OUR STATION AT	BJ SERVICES SUPER\	ISOR SIGNE	SIGNED FOR YOU BY		
McAlester Operations	Danny Bane	Bernie Boys	sen		
FOR SERVICE WELL NAME	COU	NTY/PARISH	STATE		
STOCKEBRAND 4-1	Woodson		Kansas		

PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT
100275	Sodium Metasilicate	lbs	112				
100295	Cello Flake	lbs	67				
100317	Poz (Fly Ash)	sacks	133				
100404	Sodium Chloride	lbs	353				
121112	Cement Plug, Rubber, Top 5-1/2 in	ea	1				
188019	FP-6L	gals	3				
188073	FL-62	lbs	112				
488168	Type I Cement	sacks	133				
499634	Kol Seal	lbs	1050				
4152N	Employee Incentive Bonus - Cement Svc	ea	1				
V1100	Bulk Materials Service Charge	cu ft	302				
F005A	Cement Pump Casing, 1001 - 2000 ft	4hrs	1				
1050	Fas-Lok Cement Head	job	1				
J225	Data Acquisition, Cement, Standard	job	1				
J390	Mileage, Heavy Vehicle	miles	150				
J391	Mileage, Auto, Pick-Up or Treating Van	miles	150				
J401	Bulk Delivery, Dry Products	ton-mi	2704				
	AS PER AGREEMENT						10,447.3
						T:	
PHONE: (713	3) 462-4239 TERMS: NET 30 DAY	S	PAY THIS	AMOUNT	USD		10,447.3

APLNo. 15-	207-26768		S. 4 T. 24	R. 15e	
	Loc. N/2 N	1/2 S/2	County:	Woodsor	n
Operator:	Patrick Petrole	um LLC			
Address:	6120 S. Yale	Ste. # 8	10		
	Tulsa, OK 7413	36			
Well No:	At Insurer	Lease	Name: "	Stockebr	and
Footage Location	on:	2240	ft. from the	South	Line
		2600	ft. from the	West	Line
<b>Drilling Contract</b>	or: McPh	nerson Dr	illing LLC		
Spud date:	8/12/0	02	Geologist:	Loren D.	Schmidt
Date Completed	l: 8/14/0	02	Total Depth:	1589'	

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	7 7/8"	1 hr. gas tests
Size Casing:	8 5/8"		
Weight:	20 #		
Setting Depth:	40.7'		
Type Cement:	Portland	McPherson	
Sacks:	4	McPherson	

Ton Frank		-
Gas Tests:		
1087'	0 MCF	
1117'	0 MCF	
1127'	0 MCF	
1227'	0 MCF	
1247' 1# on 1/8"	2.76 MCF	
1347' 2# on 1/8"	3.92 MCF	
1489' 2# on 1/8"	3.92 MCF	
1529' 19# on 1/2" .	171 MCF	
1549' 9# on 1/2"	108 MCF	

Well Log								
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
lime	0	13	lime	943	945	coal	1200	1040
shale	13	17	shale	945	969	shale	1339	
coal	17	19	lime ·	969	969	coal	1343	1431
shale	19	64	shale	977	1037	<del> </del>	1431	1432
sand(damp)	64	73	lime	1037	1037	shale	1432	1477
shale	73	149	coal	1037		coal	1477	1479
lime	149	151	shale	1042	1043	shale	1479	1497
shale	151	160	lime	1043	1045	Miss chat	1497	1542
sand	160	191	shale	<del> </del>	1058	Miss lime	1542	1589
shale	191	333	lime	1058	1068			TD
lime	333	345	black shale	1068	1072		-	
shale/sand	345	364	shale	1072	1075			
lime	364	375		1075	1085			
shale	375	447	Oswego lime	1085	1111			
sand/lime	447	489	summit	1111	1116		FCERM	
shale	447	489 566	lime	1116	1127		ECEIVE	<u>را:</u>
lime(wet)	566	580	shale(mulkey)	1127	1132		<u> 1 0 20</u>	)4
shale	580		shale	1132	1135			•
red shale		640	sand	1135	1149		C MICH	ITA
shale	640	652	sandy shale	1149	1171		<b> </b>	
lime	652	678	shale	1171	1215			
shale	678	743	coal	1215	1216			
	743	757	shale	1216	1229			
lime	757	766	coal	1229	1231			
shale 	766	776	shale	1231	1256			
lime	776	791	coal	1256	1257			
shale	791	943	shale/sand	1257	1339			