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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

KANSAS CORPORATION COMMISSION Form ACO-1

SEP 1 8 2006 Form Must Be Typed September 1999

WELL COMPLETION FORM

CONFIDENTIAL

ORIGINAL

CONSERVATION DIVISION SE WICHITA, KS WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 8490	API No. 15 - 019-26,730-0000
Operator: License #	County: Chautauqua
#1 For A Chamber Ob	NE-SE-NE-SW Sec. 17 Twp. 33 S. R. 12 X East West
Address: #1 Tam-0=Snanter Ct. City/State/Zip: Winfield, KS 67156	1815 teet from (S) N (circle one) Line of Section
	2805 teet from (E) W (circle one) Line of Section
Purchaser: Coffeyville Resources; L.L.C.	Footages Calculated from Nearest Outside Section Corner:
Operator Contact Person: Lenore M. Keen	(circle one) NE (SE) NW SW
Phone: (620_) 221-6267	Lease Name: Hardy Well #: 17
Contractor: Name: MOKAT Drilling, Inc.	Field Name: Peru - Sedan
License: 5831	
Wellsite Geologist: None	Producing Formation: Mulkey
Designate Type of Completion:	Elevation: Ground: 860 Kelly Bushing:
X New Well Re-Entry Workover	Total Depth: 1738 Plug Back Total Depth:
XOil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ∑No
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 1412
Operator:	feet depth to surface w/ 150 sx cmt.
Well Name:	AUTIWHM 9.1207
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Drilling fluid field test (Data must be collected from the Reserve Pit) by KCC personnel
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 0 ppm Fluid volume 200 bbls
Plug Back Plug Back Total Depth	Dewatering method used See pit closure form
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
Other (OVE of Elimin.)	Lease Name: License No.:
7-20-06 Spud Date or Recompletion Date 7-26-06 Date Reached TD Recompletion Date 7-26-06 Completion Date or Recompletion Date	Quarter Sec Twp. S. R East West County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regul herein are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature: Senore Mr. Keen	KCC Office Use ONLY
Title: Operator Date: September 5,	
Subscribed and sworn to before me this <u>5th</u> day of September	If Denied, Yes Date:
XX 2006. Helle h Waller	Geologist Report Received —— UIC Distribution SEP 0 8 2006
Notary Public:	CONFIDENTIAL
Date Commission Expires:	TIACE CUMULLIAIVAL

Notary Public - State of Kansas

perator Name:	Keen Oil C	ompany		Lease	Name:_	<u> Hardy</u>		Well #:	17		
ec 17 Twp33	S R <u>12</u>	East	West	County	r:C	<u>Chautauqua</u>	à	*		THE TERM	L
STRUCTIONS: Sho sted, time tool open a mperature, fluid reco ectric Wireline Logs s	and closed, flowing very, and flow rates	and shut-in if gas to sur	pressures, v face test, al	whether sh long with fi	iut-in pre	ssure reached:	static level, hydros	drill stems tes static pressure	es, bottom	hole	
rill Stem Tests Taken (Attach Additional St	heets)	√ ☐ Yes	(Nb)	, ,	C	Formation	on (Top), Depth ar	nd Datum		ample	
amples Sent to Geolo	ogical Survey	☐ Yes	(No)		Nam	e		Тор	Da	atum	
ores Taken		Yes	(NO)		_	ton .		690		70:)	
ectric Log Run		Yes	(MD)		Rec	-		866	(-6		
(Submit Copy)			$\overline{}$		Per	ru rego		.040 .302		L80) L42)	
st All E. Logs Run:						.key		.330	•	470)	
					T,I),	1	738	(–8	378)	
				RECORD	Ne						
	Size Hole	Report al		onductor, su Wei		rmediate, produc	tion, etc.	# Sacks	Type ar	nd Percent	
Purpose of String	Drilled	Set (In		Lbs.		Depth	Cement	Used		ditives	
Surface	12 3/4	. 8,5/	8"	24#		40'	Portland	8_	3% ca:	Lcium ch	lor
Oil String	6 3/4"	4 1/	2"	10 1/	/2#	1412'	Portland	150	2% g	∋1	
		* ***				26	المرابل			*	\$3.5° ★ 5
·	*.	Α	DDITIONAL	CEMENTI	NG / SQI	JEEZE RECORI)	4			
Purpose: Perforate	Depth Top Bottom				Used	Type and Percent Additives					
Protect Casing Plug Back TD Plug Off Zone											
Shots Per Foot		ON RECORD Footage of Eac				Acid, Fra (A	cture, Shot, Cement mount and Kind of Ma	Squeeze Reco	rd	Depth	
5	1330-1331					Frac 8000	0# sand & 2	.50 gal.	15%	1330 to	
4 :	1252 1255					HCL A				1331 an	ď
4	1352-1355					1,010	<u> </u>			1352-135	
	A.M. 1887							 			
UBING RECORD	Size	Set At		Packer A	At	Liner Run					
	2 3/8	1362	1	N/A	77		Yes No	<u> </u>			
ate of First, Resumed F	Production, SWD or Er	nhr. Pi	roducing Meth	nod	Elowia	g Pump	ing Gas Lif	t Oth	er (Explain)		
9-2-				14-6	Flowin		/		- (Explain)	Gravity	
stimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat		Bbls., G	ias-Oil Ratio		Gravity	
isposition of Gas	METHOD OF C	OMPLETION			30	Production Inte	rval				
	_		.				Commingled _	1330_133	31 ዴ 11	352_1355	
Vented Sold (If vented, Sun	☑ Used on Lease nit ACO-18.)	-	Open Hole Other (Spec	ify)	<u> </u>	Oually Comp.	Commingled		-		

ACKARMAN HARDWARE and LUMBER CO 160 EAST MAIN STREET

160 EAST MAIN STREET SEDAN, KS 67361

PHONE: (620) 725-3103

THANKS FOR YOUR BUSINESS!!



Cust No 10620	Job No	Purchase Order	Reference	Terms NET 10TH	Clerk CAM	Date 7/20/06	Time 4:58
			Ship To:				
Sold To	HT KEEN		Ship to:			DOC#	129466
#1 T	'AM O'SHAN	ER CT			TERM#552	**DUPL	ICATE**
							OICE *
WINF	TELD	KS 67156			NAMSAS SALES TAX	*****	*****

EXTENSION DESCRIPTION UNITS PRICE/PER LN# SHIPPED ORDERED UM SKU 9.30 /EA PORTLAND CEMENT 92.6# RM44816 RECEIVED KANSAS CORPORATION COMMISSION SEP 1 8 2006 CONSERVATION DIVISION WICHITA, KS

** AMOUNT CHARGED TO STORE ACCOUNT ** 80.20 TAXABLE 74.40

NON-TAXABLE 0.00 ...

(DWIGHT) SUBTOTAL 74.40

TAX AMOUNT 5.80 TOTAL AMOUNT 80.20

X

156212

Hurricane Truck Services, Inc. P.O. Box 782228 Wichita, KS 67278-2228

Hurricane Well Service, INL

Service Ticket 1516 T

MC ID# Shop # 820 437-2661 Cellular # 620 437-7582 Office #

316 685-5908

Shop Address: 3	316-685-5926 3613A Y Road son, KS 66860		DATE	8-06
Madis		OUNTY <u>Cq.</u> CITY		
CHARGE TO	Keen Oil Company	50111 <u>-54</u> -	·	
	Tam-O-Sharter CT. CIT	Y Win Cield ST Ks	ZIP 67156	- 6309
		_CONTRACTOR _F/m		
		ECTWP		
DIR. TO LOC.	East of Seden on Indrudue Rd,			
Quantity	MATERIAL US		Serv. Charge	1
150 sks	Regular - class A coment			1197.00
280 16	Gel 27			42.00
140 165	CAC)2 120			50.40
450 1be	KOI-SEAL 3" P"SK	N.	CC	90.00
		*	ັດ ຄຸວດໃນ6	
400 165.	Gel Flush	SE	IFIDENTIAL	6000
ſ	BULK CHARGE	<u></u>	ALIDE.	
	BULK TAK. MILES at 50 miles	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		355,30
_50	PUMP TRK. MILES			125,00
/-	PLUGS 41/2" Top Rubber	,	SALES TAX	27.00
			TOTAL	012170
		· · · · · · · · · · · · · · · · · · ·		2,621 20
T.D:		CSG. SET AT	1412	VOLUME
SIZE HOLE	612"	. TBG SET AT	<u> </u>	VOLUME
MAX. PRESS		SIZE PIPE		
PLUG DEPTH	1412	PKER DEPTH _		
PLUG USED	Top Rubber Plug	TIME FINISHED	2:00	Q. 00.
REMARKS:				RECEIVED
_	Sec ATTa	ichment Page!	KANSA	S CORPORATION COMMISSIO
				SEP 1 8 2006
			C	ONSERVATION DIVISION WICHITA, KS
	EQUII	PMENT USED		
NAME	UNIT NO.	NAME ,,	•	UNIT NO.
Heath h	4TTS 185	Dan- 91	- Mark-"	170
Bu	I Buth .	Witnessed b	Dwight Ke	en (0)



M.O.K.A.T. DRILLING Office Phone: (620) 879-5377



P.O. Box 590 Caney, KS 67333

			-OXIN			ji .	·	æ	0.00			Ca	illey, rv	0 0/000
) perator "	KEEN OIL	& GAS	Well No.		lease H	ARDY	Loc	•	1/4 1/4		1/4	Sec. 17	Twp.	Rge, 12
		-	County		State	Į.	Type/Well	····	Depth	Н	ours	Date Starte	d Da	ate Completed
			CHAUTAI	JQUA		KS			1738'			7/21/06		7/26/06
Job No.		Casing Used			В	it Recor	d				Co	ring Record		
		40'	8 5/8"	Bit No.	Type	šize	From	To	Bit No.	type		-	То	% Rec.
Driller		Cement Used				6 3/4				T				T
	11 T	ļ	8			1 1		-				-		2
Driller		Rig No.					KUY				$\neg + \neg$		- -	
			1				0 8 20	6						
Driller		Hammer No.		1		1 5	NFIDEN	TIAL		- 				
		-		ł			PEIDE	7 3.		ŀ				

Formation Record

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From	To	Formation	From		Formation	From	То	Formation	From	То	Formation
0		OVERBURDEN			SANDY SHALE	1					
	30	SAND (WET)	1221	1245	LIME						
	69	SANDY SHALE		1250	SHALE						
	76	LIME		1270	SAND						>
		SANDY SHALE		1298	SANDY SHALE / SHALE						NO SI
		SHALE		1325	LIME (OSWEGO)						0
	194	LIME		1331	BLACK SHALE						\$ 12 0
	245	SANDY LIME/ SAND		1350	LIME						20 50 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
	252	SANDY SHALE / SHALE		1353	BLACK SHALE / COAL	1					VED ON COMM
	278	SAND		1355	SANDY SHALE						MA OF
	425	SANDY SHALE		1368	LIME						<u> </u>
		SAND			SHALE					-	
	526	SANDY SHALE	1372	1383	SAND / SANDY SHALE	1					8 8 8
		LIME	1383	1495	SANDY SHALE	4					S S S S S S S S S S S S S S S S S S S
	685	SHALE		1505	SAND						3 0
		SANDY SHALE		1571	SHALE	1					\$
		SAND	1571	1573	LIME						
		SHALE	1573	1649	SHALE						
		LIME	1649		CHAT (MISSISSIPPI)						
		SAND	1655	1738	LIME				1		
		SANDY SHALE									
		LIME				i i					
		SHALE			T.D. 1738'	1 7					
		LIME				1				•	<u> </u>
		SHALE						- · · · · · · · · · · · · · · · · · · ·	-		
		LIME				1			_		
	1088	SANDY SHALE							+-+		
	1100	LIME (TRI-CONE)				10			- 		
	1112	SANDY SHALE									
		LIME				1 1		T	- -		
1117	1140	SANDY SHALE / SAND							- 		
											1