

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1095 / NO 18

Form ACO-1 September 1999

Form Must Be Typed

## WELL COMPLETION FORM

**WELL HISTORY - DESCRIPTION OF WELL & LEASE** 

102/09

County: Crawford  Address: P.O. Box 191  Address: P.O. Box 191  ChrystaerZip, Charact. KS 66743  Deverator Cornicact Person: Tony Anderson  Deverator Contract Person: Tony Anderson  Denenic (20) 724-7040  CONFIDENTIAL  Denenic (20) 724-7040  Contractor: Name: McPherison Drilling  Cur u Z  Well kind Completion:  New Well Re-Entry Workover  Oil SWD SIOW Temp Abd.  Dry Other (Core, WBW, Expl., Cathodic, etc.)  If WorkoverRe-entry: Old Well Info as follows:  Operator:  Doperator:	Operator: License # 34102	API No. 15 - <sup>037-22062-0000</sup>
Address: P.O. Box 191  No. 191	Name: JayHawk Energy, Inc.	
Section   Sect		·
Superior Contact Person: Tony Andeson   Superior Contact Person: Tony Anderson   Superior Contact Person: Tony Anderson   Superior Contact Person: Superior Contact Perso	City/State/7ip. Girard, KS 66743	_
Footages Calculated from Nearast Outside Section Corner:		1 000
CONFIDENTIAL Contractor: (360		
Contractor: Name   McPherson Drilling   Contractor: Name   McPherson Drilling   Contractor: Name   McPherson Drilling   Contractor: Name   McRita   Contractor: Name   McRita   Contractor: Name   McRita   McCC	AANFIRESTAS	
Debegrate   Ser58   Ser58   Field Name   Middat   Producing Formation   Riverton Coal	MADILLA DE LA DELLE A	
Weltsite Geologist: Tony Anderson    Competition:   See Entry   Workover   See Entry   See Entry   Workover   See Entry   S	00102 5400	Lease Name: Well #
Designate Type of Completion:    New Well		Producio Formation Riverton Coal
Total Depth: 640' Plug Back Total Depth: 631'    Gas	3 4.4.	Floating Formation: 1045' Kally Bushings
Oil SWD SIOW Temp. Abd.    Gas		·
Multiple Stage Cementing Collar Used?   Yes   You	·	
Type   Other (Core, WSW, Expl., Cathodic, etc)   If yes, show depth set   Feet   Feet   If Alternate II completion, cement circulated from   631   feet depth to   surface   w/ 100   sx cmt.		
If Alternate II completion, cement circulated from 631  feet depth to surface	Gas ENHR SIGW	
Operator:   Geet depth to   Surface   W    100   Sx cmt.	Dry Other (Core, WSW, Expl., Cathodic, etc)	
Well Name:  Original Comp. Date:  Original Completion  Docket No.  Other (SWD or Enhr.?)  Original Completion Date  Original Completion Date  Original Completion Date or Recompletion Date or Recompletion Date  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 to confidentiality in excess of 12 months). One copy of all writine logs and geologist health earlier with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP Tom with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  All requirements of the refututes, 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 part of my knowledge.  Subscribed and sworn to before me this	If Workover/Re-entry: Old Well Info as follows:	
Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Observation of the Comming of the Commin	Operator:	feet depth to surface w/ 100 sx cmt.
Original Comp. Date:Original Total Depth:	Well Name:	Drilling Fluid Management Plan Att TO ATT ATT 12 -16 -58
Plug Back Plug Back Total Depth Dewatering method used Air Drilled  Commingled Docket No. Dual Completion Docket No. Departor Name: License No.: Operator Name: Lease Name: No.: Operator Name: Name: Name: No.: Operator Name: Name: No.: Operator Name: Na	Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth  Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Enhr.?) Docket No.  Other (SWD or Enhr.?) Docket No.  O7/39/08 07/30/08 07/31/08  Spud Date or Recompletion Date  Recompletion Date  Nestructions: 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 atlached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP 4 Tom with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  All requirements of the valutes, 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 past of my knowledge.  KCC Office Use ONLY  Letter of Confidentiality Received  If Denied, Yes Date:  RECEIVED  Wireline Log Received  KANSAS CORPORATION COMMIS  OCT 0 6 2008  Notary Public.  And MIE SOUTHARD  CONSERVATION DIVISION WIGHIA, KS  WICHIA, KS  CONSERVATION DIVISION WIGHIA, KS	Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
	Plug Back Plug Back Total Depth	
Other (SWD or Enhr.?)		
Office (SWD or Enhr.?) Docket No	Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Date Reached TD  Date Reached The Reached TD  Date Reache		Operator Name:
Spud Date or Recompletion Date    Date Reached TD   Date Recompletion Date   Completion Date   County:   Docket No.:	, ,	Lease Name: License 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 CD-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  All requirements of the partitles, 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:  **CC Office Use ONLY**  **Letter of Confidentiality Received**  If Denied, Yes Date:  **RECEIVED**  Wireline Log Received**  **KCC Office Use ONLY*  **Letter of Confidentiality Received**  If Denied, Yes Date:  **RECEIVED**  Wireline Log Received**  **Wireline		Quarter Sec TwpS. R 🔲 East 🗌 West
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 Tom with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  All requirements of the patutes, 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 pear of my knowledge.  Signature:		County: Docket No.:
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Signature:	Kansas 67202, within 120 days of the spud date, recompletion, workor Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log	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- is and geologist well report shall be attached with this form. ALL CEMENTING
Subscribed and sworn to before me this		late the oil and gas industry have been fully complied with and the statements
Subscribed and sworn to before me this		
Subscribed and sworn to before me this	Title: Vice-Hresiderit Date: VC 4/0//0	Letter of Confidentiality Received
20 08 Geologist Report Received OCT 0 6 2008  Notary Public TAMMIE SOUTHARD CONSERVATION DIVISION WICHITA, KS	Subscribed and sworn to before me thisday of	, i \
Notary Public Summie South and UIC Distribution OCT 0 6 2008  Date Commission Expires: 3-3/-20/2 TAMMIE SOUTHARD CONSERVATION DIVISION WICHITA, KS	20 08 4	·
Training -	Chamin Anythand	
Training -		PUC/ TAMMIE SOLITHARD CONSERVATION DIVISION
	(Control of the Control of the Contr	

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perator Name: Jayl	Hawk Energy, Inc.			Lease	Name:_			Well #:13-	1
	8 S. R. <u>23</u>	✓ East		Count	y: Crawfo	ord			
sted, time tool oper mperature, fluid red	now important tops a n and closed, flowing covery, and flow rate is surveyed. Attach	g and shut- s if gas to	in pressures, v surface test, a	whether si long with t	hut-in pre	ssure reached	l static level, hydi	rostatic pressu	
rill Stem Tests Take		Ye	s 📝 No		<b>V</b> L	og Forma	tion (Top), Depth	and Datum	Sample
amples Sent to Geo	,	☐ Ye	s 🗸 No		Nam		•	Top 206', 207'	Datum
ores Taken	Jiogical Gallicy	☐ Ye	_		1	/ Coal ton Coal		584', 587'	
ectric Log Run (Submit Copy)		✓ Ye			INVE	ion Coai		004,007	
t All E. Logs Run:								KANSA	RECEIVED AS CORPORATION COMMIS
emp.	above logs have been					·			OCT 0 6 2008
——————————————————————————————————————							······		WICHITA, KS
		Repor	CASING t all strings set-c	RECORD onductor, s	✓ Ne urface, inte	<del></del>	ction, etc.		
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		ight , / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	11"	8&5/8"		17#		22.4'	Connon	3	
Production	6&3/4"	4&1/2"		9.5#		631'	50/50 poz	100	2% gel
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECOR	D		
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sack	s Used		Type and	Percent Additive	es
Shots Per Foot			D - Bridge Plug Each Interval Per		)		acture, Shot, Ceme		ord Depth
shots	591'-592.5'	· conago or				`	/40 mesh nitrofie		c frac. 591'-592'
shots	584'-586'					15% HCl x 1	00 gal spearhea	d.	584'-586'
								CON	FIDENTIAL
								00	FIDENTIAL T 0 2 2008
									KCC
UBING RECORD 1"	Size	Set At 580'		Packer	At	Liner Run	Yes N	lo ·	100
ate of First, Resumer	rd Production, SWD or	Enhr.	Producing Met		<b>√</b> Flowin	g Pum	ping Gas I	Lift Ot	her (Explain)
stimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETIC				Production Int	erval		
VentedSold			Open Hole Other (Spec	✓ Per	rf. 🔲 I	Dually Comp.	Commingled		

R. 23E S. 13 T. 28 Rig Number: MCPH 15- 037-22062 County: CRWFD API No. Elev. 1045 Location: N2 NW NW

Operator: JAYHAWK ENERGY, INC.

Address:

Well No:

P.O. BOX 191

G!RARD KS 66743

13-1

Lease Name:

**BURKS** 

Footage Location:

330

ft. from the

NORTH Line

660

ft. from the

WEST Line

Drilling Contractor: Spud date:

McPherson Drilling LLC .07/29/2008

Geologist:

Date Completed:

.07/31/2008

Total Depth:

640

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"			
Weight:	17#			
Setting Depth:	22.4'			
Type Cement:	Connon		DRILLER:	MCPHERSON DRILLING
Sacks:	3			

Gas Tests:
·
Comments:
Start injecting @

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
clay	1	9	shale	320	357			
lime	9	86	coal	357	358			
coal	86	87	shale	358	364			
shale	87	91	coal	364	365			
lime	91	94	shale	365	405			
sand water	94	95	coal	405	406	i		
lime	95	105	shale	406	439			
shale	105	107	coal	439	440			
coal	107	108	shale	440	476			
shale	108	132	sandy shale	476	530			
lime	132	141	coal	530	531		ONFIDE	ΙΔΙΤΙ
shale	141	173	shale	531	535			
lime	173	190	coal	535	536		OCT 0 2	2008
shale	190	194	shale	536	584		170	<u></u>
lime	194	204	coal	584	587		KC	
shale	204	206	Mississippi lime	587	640	·		
coal mulky	206	207					RECEI\	/ED
shale	207	215				KANSA	CORPORATION	ON COMMISS
sand	215	221				,,,,		
sandy shale	221	235					OCT 06	2000
shale	235	307					Carrier 1	WOISINION
coal	307	308					44	. ૃત્વર્ધ
shale	308	319						
coal	319	320						





TICKET NUMBER	17900
LOCATION BY	solle
FOREMAN Desor	n Bell

PO Box 884, Chanute, KS 66720

AUTHORIZTION\_

## FIELD TICKET & TREATMENT REPORT

DATE				CEMEN	l			
	CUSTOMER#	WEL	L NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
8-1-08	5337	Banks	13-1					Gray.
CUSTOMER	Ph							er yezh e an <u>e</u> yez
MAILING ADDRE	Merson	70C		-	TRUCK#	DRIVER	TRUCK#	DRIVER
WILLING ADDING	230				492	1100		
ITY		STATE	ZIP CODE	-	16279	1 allas	1	
<b>41 1</b>		I I	ZIF CODE		Nu	Whey TP		
AB #2.00	Z <i>S</i> ,	<u> </u>	1.3/1	<b>」</b>	60/10	1'	}	<u>,                                     </u>
	4 - 1	HÔLE SIZE	6-34	_ HOLE DEPTH	640	CASING SIZE & \		<u>.                                    </u>
ASING DEPTH LURRY WEIGH	111	ORILL PIPE		_TUBING			OTHER	
	4.5	SLURRY VOL_			<u> </u>	CEMENT LEFT In	CASING	
IBPLACEMENT		DISPLACEMEN		MIX PSI	<u> </u>	RATE	4 44-5	
EMARKS:	Can 75h	- of 50	L Ligher to	hohto (	men latte	on . Ray	7 100 3	k
<i>''</i> . •	po2 w/2	noted .	Lumpe o	T pluge	and a	et shoe	tenoch	2.01
Trose .	and wo	shedy	2					
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				· · · · · · · · · · · · · · · · · · ·			····	
ACCOUNT			1		<del></del>		· · · · · · · · · · · · · · · · · · ·	
CODE	QUANITY	or HNITS	1					
. CODE (		or while	DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
		7	PUMP CHARG		SERVICES or PR	ODUCT	UNIT PRICE	
	î.	/			SERVICES or PR	ODUCT	UNIT PRICE	925-00
5401 5406	k.	/	PUMP CHARG	E.	SERVICES or PR	ODUCT	UNIT PRICE	975.00
5401 5406 5407	/	?	PUMP CHARG	ruck	SERVICES or PR	ODUCT	UNIT PRICE	925.00 34,50
5401 5406 5407 5402	1. 640	?	PUMP CHARG MILEAGE Bulk to Footoge	ruct		ODUCT	UNIT PRICE	975-00 36,50 3/5,00 /28.00
5401 5406 5407 5407 5402 5621	640	?	PUMP CHARGE MILEAGE But k f	ruch contains		ODUCT	UNIT PRICE	925,00 34,50 315,00 12800 200,00
5401 5406 5407 5402	/	?	PUMP CHARG MILEAGE Bulk to Footoge	ruch contains		ODUCT	UNIT PRICE	975-00 36,50 3/5,00 /28.00
5401 5406 5407 5402 5621 55012	640 1 2 h		PUMP CHARGE MILEAGE But k to Coo to ye The Pa	ruch c s contains		ODUCT	UNIT PRICE	925,00 3/5,00 /2800 220,00 220,00
5401 5406 5407 5402 5624 53014	640 2 h	sis	PUMP CHARGE MILEAGE But k to Good to ge The Play TRAMSPOS	ruch c s contains		ODUCT	UNIT PRICE	925,00 31,50 315,00 128,00 220,00 224,00
5401 5406 5407 5402 5621 55012	640 2 h	AS SUS 44	PUMP CHARGE MILEAGE But k t Contage The Pa TRANSPO	ruch c s contains		ODUCT	UNIT PRICE	925,00 3/5,00 12800 220,00 220,00 925,00 68,00
5401 5406 5407 5402 5621 5301 a 1124 1186 1186	640 2 h	AS SUS 44	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains		**************************************		925,00 315,00 128,00 220,00 224,00 68,00 920
5401 5406 5407 5402 5621 55012	640 2 h	AS SUS 44	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains		**************************************		925,00 3/5,00 12800 220,00 220,00 925,00 68,00
5401 5406 5407 5402 5621 5301 a 1124 1186 1186	640 2 h	AS SUS 44	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains		**************************************		925,00 315,00 128,00 220,00 224,00 68,00 920
5401 5406 5407 5402 5621 5301 a 1124 1186 1186	640 2 h	AS SUS 44	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains	REC REC	EIVED COMMISSION		925,00 315,00 128,00 220,00 224,00 925,00 9200 4500
5401 5406 5407 5402 5621 5301 a 1124 1186 1186	640 2 h	AS SUS 44	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains	REC KANSAS CORPOR	EIVED TATION COMMISSION COMPRISA CO		925,00 315,00 128,00 220,00 224,00 68,00 920
5401 5406 5407 5402 5621 5301 a 1124 1186 1186	640 2 h	AS SUS 44	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains	KANSAS CORPOR VANSAS CORPOR OCT	EIVED SATION COMMISSION	CÕ	925,00 315,00 128,00 220,00 224,00 925,00 9200 4500
5401 5406 5407 5402 5621 5301 a 1124 1186 1186	640 2 h	SUS #	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains	KANSAS CORPOR VANSAS CORPOR OCT	EIVED SATION COMMISSION	CÕ	925.00 3/5.00 /2800 220,00 220,00 925.00 68.00 92.00 45.00 VIIDENTI
5401 5406 5407 5402 5621 5301 a 1124 1186 1187	640 2 h	SUS #	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains	KANSAS CORPOR VANSAS CORPOR OCT	EIVED TATION COMMISSION COMPRISA CO	CÕ	925.00 3/5.00 /2800 220,00 220,00 925.00 68.00 92.00 45.00 VIIDENTI
5401 5406 5407 5402 5621 5301 a 1124 1186 1187	640 2 h	SUS #	PUMP CHARGE MILEAGE  But k t  factory  FRAMSOO  SOLST	in contains	KANSAS CORPOR VANSAS CORPOR OCT	ENFD ATION COMMISSION WATTON BIVISION WATTON SINGER TA, KS	CÕ	925,00 3/5,00 /28,00 200,00 224,00 925,00 9200 4500
5401 5406 5407 5402 5621 5301 a 1124 1186 11078 4404	640 2 h	SUS #	PUMP CHARGE MILEAGE  But k t  Cop to ye  The Ma  The Map  The Map	es contains	KANSAS CORPOR OCT CONSER	EIVED SATION COMMISSION	CO Q SALES TAX	925.00 3/5.00 /2800 220,00 220,00 925.00 68.00 92.00 45.00 VIIDENTI
5401 5406 5407 5402 5621 5301 a 1124 1186 1186	640 2 h	SUS #	PUMP CHARGE MILEAGE  But k t  Cop to ye  The Ma  The Map  The Map	in contains	KANSAS CORPOR OCT CONSER	ENFD ATION COMMISSION WATTON BIVISION WATTON SINGER TA, KS	CO C	925.00 3/5.00 /2800 220,00 220,00 925.00 68.00 92.00 45.00 VIIDENTI