

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

10/31/09

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 34102  
Name: JayHawk Energy, Inc.  
Address: P.O. Box 191  
City/State/Zip: Girard, KS 66743  
Purchaser: Evaluating Well Potential  
Operator Contact Person: Tony Anderson  
Phone: (620) 724-7040  
Contractor: Name: McPherson Drilling  
License: 5675  
Wellsite Geologist: Darren Schoenroth

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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. \_\_\_\_\_

08/04/08	08/05/08	08/05/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 037-22059-0000

County: Crawford

\_\_\_\_\_ E/2 - NW - NW Sec. 9 Twp. 29 S. R. 23  East  West

330' \_\_\_\_\_ feet from S / N (circle one) Line of Section

2200' \_\_\_\_\_ feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: DeLange Well #: 9-2

Field Name: Wildcat

Producing Formation: Riverton Coal

Elevation: Ground: 950' Kelly Bushing: No

Total Depth: 560' Plug Back Total Depth: 548'

Amount of Surface Pipe Set and Cemented at 22.4 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 548'

feet depth to surface w/ 89 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan **ALVINH 1-7-09**  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used Air Drilled

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: X Tony Anderson

Title: General Manager Date: 10/31/08

Subscribed and sworn to before me this 31<sup>st</sup> day of October

20 08

Notary Public: Lisa L Parsons

Date Commission Expires: \_\_\_\_\_

LISA L. PARSONS  
Notary Public - State of Kansas  
My Appt. Expires 10-8-12

**KCC Office Use ONLY**

Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

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Operator Name: JayHawk Energy, Inc. Lease Name: DeLange Well #: 9-2  
 Sec. 9 Twp. 29 S. R. 23  East  West County: Crawford

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <i>Following logs received:</i> Gamma Ray Neutron; Dual Induction; Hi-Resolution Density; Differential Temp. Copies of all of the above logs have been given to the KGS for a Crawford County Study they are conducting.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Riverton Coal</td> <td>490', 493'</td> <td></td> </tr> <tr> <td>Shale</td> <td>493', 496'</td> <td></td> </tr> <tr> <td>Miss.</td> <td>496', 560' (TD)</td> <td></td> </tr> </table>	Name	Top	Datum	Riverton Coal	490', 493'		Shale	493', 496'		Miss.	496', 560' (TD)	
Name	Top	Datum											
Riverton Coal	490', 493'												
Shale	493', 496'												
Miss.	496', 560' (TD)												

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*KCC  
 mms  
 wos*

CASING RECORD <input checked="" type="checkbox"/> New <input 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"	17#	22.4'	Connon	3	
Production	6&3/4"	4&1/2"	9.5#	548'	50/50 poz	89	2% gel

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 <i>(Amount and Kind of Material Used)</i>	Depth
13 shots	489' - 492'	5 tonne x 20/40 mesh nitroflid csg hydraulic frac. 15% HCl x 100 gal spearhead.	489' - 492'

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TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
None							
Date of First, Resumerd Production, SWD or Enhr. <b>Evaluating Well Potential</b>			Producing Method				
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity		
		Unknown	Unknown				

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

Rig Number: <b>MCPH</b> API No. <b>15- 037-22059</b> Elev.	<b>S. 9</b>	<b>T. 29</b>	<b>R. 23E</b>
	County: <b>CRWFD</b>		
	Location: <b>E2 NW NW</b>		

<b>Gas Tests:</b>
500 SLIGHT BLOW
<b>KCC</b> OCT 31 2008 <b>CONFIDENTIAL</b>
Comments: Start injecting @

Operator: <b>JAYHAWK ENERGY, INC.</b>			
Address: <b>P.O. BOX 191</b> <b>GIRARD KS 66743</b>			
Well No: <b>9-2</b>	Lease Name: <b>DELANGE</b>		
Footage Location: <b>330</b>	ft. from the	<b>NORTH</b> Line	
<b>2200</b>	ft. from the	<b>EAST</b> Line	
Drilling Contractor: <b>McPherson Drilling LLC</b>			
Spud date: <b>08/04/2008</b>	Geologist:		
Date Completed: <b>08/05/2008</b>	Total Depth: <b>560</b>		

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

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
clay	1	12	Mississippi	496	560			
shale	12	48						
lime	48	61						
shale	61	62						
coal	62	65						
shale	65	67						
lime	67	76						
coal	76	77						
shale	77	79						
lime	79	83						
shale	83	222						
coal	222	223						
shale	223	238						
coal	238	239						
shale	239	256						
coal	256	257						
shale	257	287						
coal	287	288						
shale	288	339						
sand	339	358						
shale	358	434						
sand	434	490						
coal	490	493						
shale	493	496						

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WICHITA, KS

**CONSOLIDATED OIL WELL SERVICES, INC.**  
 P.O. BOX 884, CHANUTE, KS 66720  
 820-431-9210 OR 800-487-8876

TICKET NUMBER 16297  
 LOCATION Ottawa KS  
 FOREMAN Fred Maden

**TREATMENT REPORT & FIELD TICKET  
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/5/08	5337	De Lauge # 9-2	9	29	23	CR
CUSTOMER <u>McPherson Drilling</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 97</u>			506	Fred		
CITY <u>Sycamore</u>			495	Brett		
STATE <u>KS</u>			370	Casey		
ZIP CODE <u>67363</u>			226	Chuck		

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JOB TYPE \_\_\_\_\_ HOLE SIZE 6 3/4 HOLE DEPTH 560' CASING SIZE & WEIGHT 4 1/2  
 CASING DEPTH: 548' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 4 1/2 plug  
 DISPLACEMENT 0.7 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5.3 BPM

REMARKS: Establish Circulation. Mix Pump 100# Premium Gel Flush.  
Mix Pump 4 B.B.Ls. Total dye. Mix + Pump @ 9 SKs 50/50  
Per Mix Cement 2% Gel. Flush pump + lines clean. Displace  
4 1/2" Rubber plug to casing To w/ 9.5 B.B.Ls Fresh water  
Pressure to 600# psi. Release pressure to set float valve.  
Check plug depth w/ wireline.

*Fred Maden*

Note: Wait 3 hrs on Pulling Unit to Show up + Run casing.  
 See Ticket # 16865 for additional charges.

ACCOUNT CODE	QUANTITY of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1 of 3	PUMP CHARGE Cement Pump	495	925 <sup>05</sup>
5406	1/3 of 100 mi.	MILEAGE Pump Truck	495	121 <sup>67</sup>
5407	3.73 87 mi	Truck Mileage	226	448 <sup>56</sup>
55620	5 hrs	80 B.B.L. Vae Truck	370	500 <sup>00</sup>
1124	87 SKS	50/50 Per Mix Cement		848 <sup>45</sup>
1128B	250 <sup>00</sup>	Premium Gel.		42 <sup>50</sup>
4404	1	4 1/2" Rubber Plug		45 <sup>00</sup>
Sub Total				2930 <sup>98</sup>
Tax @ 6.3%				58 <sup>96</sup>

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SALES TAX  
 ESTIMATED TOTAL 2989.94