

**CONFIDENTIAL**

**ORIGINAL**

**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**

**KCC**

10/17/09

**OCT 17 2008**

**CONFIDENTIAL**

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

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. \_\_\_\_\_  

08/01/08	08/04/08	08/04/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 037-22040-0000  
County: Crawford  
S2 S/2 SE Sec. 34 Twp. 28 S. R. 23  East  West  
330' feet from S N (circle one) Line of Section  
1320' feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Nickelson Well #: 34-2  
Field Name: Wildcat  
Producing Formation: Riverton Coal  
Elevation: Ground: 980' Kelly Bushing: \_\_\_\_\_  
Total Depth: 600' Plug Back Total Depth: 582'  
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 582'  
feet depth to surface w/ 96 sx cmt.

**Drilling Fluid Management Plan** AHINSI-20-09  
(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: [Signature]  
Title: General Manager Date: October 17, 2008  
Subscribed and sworn to before me this 17<sup>th</sup> day of October,  
20 08.  
Notary Public: [Signature]  
Date Commission Expires: \_\_\_\_\_

JILL S. DAY  
MY COMMISSION  
4-2-10

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
RECEIVED  
KANSAS CORPORATION COMMISSION  
OCT 20 2008  
CONSERVATION DIVISION  
WICHITA, KS



102 North Ozark  
P.O. Box 191  
Girard, KS 66743  
Tel: 620.724.7040

October 17, 2008

Kansas Corporation Commission  
Conservation Division  
130 S. Market Street, Room 2078  
Wichita, KS 67202

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**OCT 17 2008**  
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Re: Confidentiality  
~~Lease: Nickelson~~  
Well: 34-2  
API#: 15-037-22040-0000

To Whom It May Concern:

Please hold confidential for 12 months the information provided for the above referenced well.

Cordially,

Tony Anderson  
General Manager, JayHawk Energy, Inc.  
Operator # 34102

RECEIVED  
KANSAS CORPORATION COMMISSION

**OCT 20 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: JayHawk Energy, Inc. Lease Name: Nickelson Well #: 34-2  
 Sec. 34 Twp. 28 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 type="checkbox"/> Yes <input checked="" 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:  Gamma Ray Neutron; Dual Induction; Hi-Resolution Density; Differential Temp. Copies of all of the above have been given to KGS for a Crawford County Study they are conducting.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Riverton Coal 552', 555' Shale 555', 561' Miss. 561', 600' (TD)
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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#	582'	50/50 poz	96	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 (Amount and Kind of Material Used)	Depth
9 shots	552' - 554'	5 tonne x 20/40 mesh nitrofiged csg hydraulic frac. 15% HCl x 100 gal spearhead.	552' - 554'

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**WICHITA, KS**

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		1"	550'				
Date of First, Resumerd Production, SWD or Enhr. Awaiting Pipeline Connection			Producing Method				
			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
		Awaiting Connection	Awaiting Connection				

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

McPherson Drilling LLC Drillers Log

Rig Number: MCPH	S. 34	T. 28	R. 23E
API No. 15- 037-22040	County: CRWFD		
Elev.	Location: SE SE NE		

Operator: JAYHAWK ENERGY, INC.  
 Address: P.O. BOX 191  
 GIRARD KS 66743

Well No: 34-2 Lease Name: NICKELSON *Sp. 2h*  
 Footage Location: 2310 *330* ft. from the NORTH Line  
 .330 *1320* ft. from the EAST Line

Drilling Contractor: McPherson Drilling LLC  
 Spud date: .08/01/2008 Geologist:  
 Date Completed: .08/04/2008 Total Depth: 600

Gas Tests:

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Comments:  
 Start injecting @

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			

Well Log											
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
clay	1	8	shale	267	284						
lime	8	36	coal	284	285						
coal	36	37	shale	285	375						
lime	37	46	sandy shale	375	390						
coal	46	47	shale	390	393						
shale	47	69	coal	393	394						
coal	69	70	shale	394	407						
shale	70	99	sand	407	415						
coal	99	100	shale	415	430						
shale	100	101	sand	430	450						
coal	101	102	sandy shale	450	457						
shale	102	112	sand	457	465						
lime	112	133	shale	465	497						
shale	133	134	coal	497	499						
coal	134	135	shale	499	552						
lime	135	137	coal	552	555						
shale	137	143	shale	555	561						
coal	143	145	Mississippi	561	600						
shale	145	154									
sand	154	159									
shale	159	256									
coal	256	258									
shale	258	266									
coal	266	267									

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 OCT 20 2008  
 CONSERVATION DIVISION  
 WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8678

TICKET NUMBER 16296  
 LOCATION Ottawa KS  
 FOREMAN Fred Maden

TREATMENT REPORT & FIELD TICKET

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/05/08	5337	Nickelson #34-2	24	28	23	CR

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Mo Pherson Drilling	596	Fred		KCC
Mailing Address	495	Brett		
P.O. Box 97	370	Casey		
CITY	237	Brian		

CITY Sycamore STATE KS ZIP CODE 67363  
 JOB TYPE Long Drive HOLE SIZE 6 3/4 HOLE DEPTH 600 CASING SIZE & WEIGHT 4 1/2  
 CASING DEPTH 582' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT In CASING 4 1/2 Plug  
 DISPLACEMENT 9.2 BB DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM  
 REMARKS: Establish circulation. Mix + Pump 100# Premium Coal  
Flush. Mix + Pump 5 BBLs Tell tale dye. Mix + Pump  
96 sks 50/50 Por Mix Cement. Flush pump + lines  
clean. Displace 4 1/2" rubber plug to casing TB w/  
9.2 BBLs Fresh water. Pressure to 450# PSI.  
Release pressure to seat float valve. Chuck plug depth  
w/ wiveliner.  
 Fred Maden

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1 hr	PUMP CHARGE Cement Pump	495	925.00
5406	1/3 of 100 mi	MILEAGE Pump Truck	495	121.67
5407	4.032 Ton	Ton Mileage	237	483.50
5502	2 1/2 hrs	80 BBL Vac Truck	370	250.00
1124	94 sks	50/50 Por Mix Cement		916.50
115B	262#	Premium Coal		44.57
4404	1	4 1/2" Rubber Plug		45.00
		Sub Total		2786.50
		Tax @ 6.3%		163.39

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 CONSERVATION DIVISION  
 WICHITA, KS

SALES TAX ESTIMATED TOTAL 2849.94

Received Time Aug. 6. 2008 11:34AM No. 5176

TITLE 224369

DATE \_\_\_\_\_