

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

*Handwritten:* KCC  
9/21/08

*Handwritten:* 8/27/09

Operator: License # 34102  
Name: JayHawk Energy, Inc  
Address: P.O. Box 191  
City/State/Zip: Girard, Kansas 66743  
Purchaser: Unimark  
Operator Contact Person: Tony Anderson  
Phone: (620) 724-7040  
Contractor: Name: M.S. Drilling  
License: 9684  
Wellsite Geologist: Bill Wax

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows: **CONFIDENTIAL**

Operator: **AUG 27 2008**  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: **KCC**  
 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. \_\_\_\_\_

<u>May 18, 2008</u>	<u>May 20, 2008</u>	<u>May 22, 2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 037-22021-0000  
County: Crawford  
SE SW Sec. 22 Twp. 28 S. R. 23  East  West  
660 feet from S (circle one) Line of Section  
1980 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Lucke Well #: 22-1  
Field Name: Wildcat

Producing Formation: Riverton Coal  
Elevation: Ground: 995 Kelly Bushing: \_\_\_\_\_  
Total Depth: 551.5' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 22' 6&3/4" Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 526  
feet depth to surface w/ 56 sx cmt.

Drilling Fluid Management Plan A14 II NH 101308  
(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: *Tony Anderson*  
Title: General Manager Date: 8-25-08  
Subscribed and sworn to before me this 26 day of August,  
20 08.  
Notary Public: *Linda R. Garrett*  
Date Commission Expires: April 14, 2011

**LINDA R. GARRETT**  
Notary Public - State of Kansas  
My Appt. Expires 4-14-11

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION  
**SEP 02 2008**

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: JayHawk Energy, Inc Lease Name: Lucke Well #: 22-1  
 Sec. 22 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Excello Shale</td> <td>135'</td> <td></td> </tr> <tr> <td>Squirrel Sand -oily</td> <td>151.5'</td> <td></td> </tr> <tr> <td>Bevier Coal -gas</td> <td>244'</td> <td></td> </tr> <tr> <td>Mineral Coal -gas</td> <td>279'</td> <td></td> </tr> <tr> <td>Scammon Coal</td> <td>294'</td> <td></td> </tr> <tr> <td>Riverton Coal</td> <td>539.5'</td> <td></td> </tr> <tr> <td>Mississippi</td> <td>545'</td> <td></td> </tr> </table>	Name	Top	Datum	Excello Shale	135'		Squirrel Sand -oily	151.5'		Bevier Coal -gas	244'		Mineral Coal -gas	279'		Scammon Coal	294'		Riverton Coal	539.5'		Mississippi	545'	
Name	Top	Datum																							
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	9&7/8"	7"	12	22', 6&3/4"	Portland	4	
Production	5&5/8"	2&7/8"	6.5	526'	Portland	56	

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
	NONE		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>06.26.08</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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		10	NONE		

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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

August 27, 2008

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

Re: Confidentiality  
Lease: Lucke  
Well: 22-1  
API#: 15-037-22021-0000

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

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5/18/08 moved equipment into Locke

# LOCKE 22-1

KCC Spud DATE 5/18/08 @ 3:00 P.M.

ACTUAL Spud 5/19/08 @ 9:00 P.M.

Drilled 9 7/8" Surface Hole To 22' 6 3/4" +

5/19/08 Set 22' 6 3/4" 7" o.d. CASING w/ 4 Staples Cement  
Cement Circulated @ 12:00 A.M. 5/19/08

0-6' TOPSOIL & CLAY

6'-22' 6 3/4" Prairie Lime 33

5/20/08	22' 6 3/4" - 39'	<del>Black shale</del> Prairie Lime	
5 PM	39 - 45	Black shale (NO GAS)	
	45 - 65	DK Gray shale	
	65 - 79	LT	
	79 - 80	Black shale	
	80 - 81	coal 1'	
	81 - 88	DK Gray shale	
	88 - 95	Per sand 7'	slightly oil 2-4'
	95 - 96	1' coal	
	96 - 105 1/2	DK Gray shale	
	105 1/2 - 122	16 1/2" Oswego lime	
	122 - 128	6' Black shale	Water wet Little orange shale
	128 - 135	Black sub Creek lime	
	135 - 140 1/2	Black shale (Ex cell shale)	
	140 1/2 - 151 1/2	Top of sand oil fretted + heavy coal	
	151 1/2 - 161 1/2	shaly oil zone w/ (sds)	
	161 1/2 - 240	shaly shale & Gray shale	
	240 - 244	Black shale	
	244 - 247	31 Bevin coal	GAS on Bevin

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CAS  
Squid  
oil sand

KCC

Top of sand  
oil  
fretted

GAS on Bevin

~~244-261~~  
~~261-281~~  
~~281-301~~  
~~301-321~~  
~~321-341~~  
~~341-361 1/2~~

Licker A-22-1

247-251  
 251-253  
 253-260  
 260-266  
 266-267  
 267-270  
 270-271  
 271-274  
 274-279  
 279-281  
 281-291  
 291-294  
 294-295  
 295-306  
 306-313  
 313-315  
 315-321  
 321-230  
 230-~~337~~  
~~337-338~~  
 338-340  
 340-341  
 341-345  
 345-348  
 348-353  
 353-

Gray shale & DK Gray shale  
 1/4" lime  
 Black shale w/ slate + coal  
 Gray shale  
 Fleamy coal  
 Gray shale  
 Sand  
 Gray shale  
 Black shale  
 2' Mineral coal <sup>Gas</sup> <sub>Iron</sub>  
 Gray shale  
 3' Black shale NO GAS  
 1' Coal - Semum coal  
 Gray shale NO GAS  
 L. ENT. SD NO GAS  
 DK Gray shale NO GAS  
 Chalky sd NO GAS  
 DK Gray shale  
 Black shale  
 2' Coal  
 Black shale  
 1' coal  
 Black shale  
 Gray shale  
 Blk/Brn shale  
 Gray sh

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232-0705

~~382~~ ~~402 1/2~~ 353 - 356 Gray shale  
~~402 1/2~~ ~~443 1/2~~ 356 359 3' Red shale  
~~423 1/2~~ ~~443 1/2~~ 359 ~~361 1/2~~ ~~same~~ Gray shale  
~~443 1/2~~ ~~464 1/2~~ 361 1/2 370  
~~464 1/2~~ ~~484 1/2~~ 370 - 376 ~~same~~ - Shaly sand with <sup>we</sup>  
~~484 1/2~~ - 505 376 - ~~382~~ <sup>Brown</sup> Gray shale Gray/Brown  
382 - 388  
388 - 391 Black shale  
391 - 392 1' Coal  
392 - 396 Gray shale  
396 - 400 ~~same~~ Sand + shaly s  
400 - ~~402 1/2~~ sdy Gray shale  
402 1/2 420 Gray shale  
420 - 421 ~~same~~ 1' Coal  
421 - ~~423~~ Gray shale  
423 - 436  
436 - 437 1' Coal  
437 - 440 Gray shale  
440 ~~443 1/2~~ <sup>same</sup> Black shale  
~~443 1/2~~ - 450 Gray shale  
450 ~~464~~ <sup>same</sup> DK Gray/Brown  
~~464~~ ~~484 1/2~~ <sup>same</sup>  
~~484 1/2~~ - 592  
592 - 593 1' Prywood coal  
593 - ~~505~~ Blk ~~Gray~~ shale  
505 -

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~~505-525 1/2~~  
~~525 1/2 - 46~~  
 505 - 513 Blk 5 4 in  
 513 - 513 1/2 coal  
 513 1/2 - 520 Brn / Grys hal  
 520 - 525 1/2 Black shale  
 525 1/2 - ~~539 1/2~~ L  
 539 1/2 - 542 1/2 Coal (2-2 1/2-3'  
 542 1/2 - 545 Black shale  
 545 - 546 GTS Instantly 8:20 AM  
 546 - 551 1/2 @ 8:50 P.M.  
 551 1/2 @ 8:50 P.M. 5/20/08

MISS Chat  
 RTD 551 1/2 @ 8:50 P.M. 5/20/08  
 Wash & Clean Hole & Test  
 8:50-9:30 Wash & Clean GTS Instantly @ 9:30 Shut down  
 9:30-9:40 open flow thru 6" Blue Line  
 9:40 P.M. office shut in to Office test 1/2" orifice in 2" orifice  
 5/20/08 8:20 P.M. TEST 60 mcf GPD open hole  
 9:42 P.M. 2 minute 2 1/2" # on 1/2" orifice = 53.4 mcf GPD 1/3 hr after  
 9:45 P.M. 5 minute holding steady 2 1/2" # on 1/2" orifice = ✓ ✓ ✓  
 9:47 P.M. 7 minute 2" # WATERING UP = 47.7 L L L  
 9:47 P.M. Blow down WATER  
 9:57 P.M. Shut In / Shut down  
 9:58 P.M. 1 minute 2 1/2" # on 1/2" orifice = 53.4 mcf GPD  
 10:00 P.M. SDON

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Wednesday 5/21/08

Locke 22-1 Pipe Strap/Tally

RTD 551 1/2'  
 2 1/2' off Bottom  
 + 549.00  
 + 0.70 Cutoff/collar Pipe  
 549.70

18	31.35	
17	<del>29.91</del>	
16	31.62	
15	<del>29.13</del>	
14	30.70	
13	31.67	
12	31.31	
11	30.69	
10	30.90	
9	30.74	
8	31.69	
7	31.28	
6	31.39	
5	31.30	
4	31.72	
3	31.68	497.08
2	30.91	527.99
RTM	31.85	559.84

Top of Black shale 520'  
 Packer @ 526'  
 Top River ton Coal @ 539 1/2'  
 542'  
 545'  
 551 1/2'  
 RTD

RTM of Slot Tail Pipe @ 2 1/2' off RTM

549.70'  
 549.70  
 - 526.00  
 = 23.70 Long

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528 + 3' = 531'  
 559.84 - 550.00 = 9.84'  
 559.84 - 549.70 = 10.14'

Thursday 5/22/08  
 Cement Plug - Run 185 FTs RTD 551 1/2'  
 Bottom of Tail Pipe @ 549', Packer @ 526' + Run 550' 1"

Tubing, + de-water well stand + RDMO Cement Casing + 56 Sacks  
 Co-40 Pozmix

Friday 5/23/08 Pull out 1 ST 1" + Break off well head + de-install 1" Tubing TD = 525  
 SIP 127# RDMO Schramm





308 EAST FOREST  
GIRARD, KS 66743  
(620) 724-8714



HOME OWNED - HOME OPERATED

INVOICE

DATE	INVOICE #	PAGE
05-01-2008	118502	1

SOLD TO

CASH SALE

SHIP TO

ITEM NO	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL
PC	PORTLAND CEMENT	600.00	10.15	6090.00
<p>5/17/08 Ryan #14-1 52 sacks Portland 5/22/08 Lucke #22-1 56 sacks Portland</p>				
ACCT BALANCE:		0.00		
SUB-TOTAL				6090.00
OTHER AMT				
SALES TAX				444.57
SHIPPING				
TOTAL AMT				6534.57
TENDERED				6534.57
CHANGE				

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