

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

8/27/09

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, Kansas 66743
Purchaser: TA
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, Expt. Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: AUG 27 2008

Well Name: KCC
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. _____

May 4, 2008 May 15, 2008 May 17, 2008
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 011-23353-0000
County: Bourbon
NE NW NW Sec. 14 Twp. 27 S. R. 23 East West
330 feet from S (N) (circle one) Line of Section
990 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Ryan Well #: 14-1

Field Name: Wildcat
Producing Formation: Riverton Coal
Elevation: Ground: 920' Kelly Bushing: _____
Total Depth: 491 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 33.2 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 470
feet depth to surface w/ 52 sx cmt.

Drilling Fluid Management Plan AIT II NH 10-13-08
(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 Aug, 2008.
Notary Public: Linda R. Garrett
Date Commission Expires: April 14, 2011

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

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

CONSERVATION DIVISION
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Operator Name: JayHawk Energy, Inc Lease Name: Ryan Well #: 14-1
 Sec. 14 Twp. 27 S. R. 23 East West County: Bourbon

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Mulky Coal	117.5'	
Squirrel Sand	118.5'	
Bevier Coal	203'	
Mineral Coal	251'	
Scammon Coal	267'	
Riverton Coal	478'	

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	33.2'	Portland	6	
Production	5&5/8"	2&7/8"	6.5	470'	Portland	52	

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		

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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. Temporarily Abandoned (TA)		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

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



INVOICE

HOME OWNED - HOME OPERATED

DATE	INVOICE #	PAGE
05-01-2008	118502	1

SOLD TO

CASH SALE

SHIP TO

PC	DESCRIPTION	AMOUNT	TAX	TOTAL
	PORTLAND CEMENT	600.00	10.15	6090.00
<p><i>5/17/08 Ryan #14-1 52 sacks Portland</i> <i>5/24/08 Locke #22-1 56 sacks Portland</i></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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Ryan 14-1

5/1/08 Thursday - Moved in to Ryan Lease from Littlewell @ Walnut
6:00 P.M. - 12:00 P.M. Rig + Rod Truck + Water Truck + Compressor

Rain 8:00 P.M. to 1:00 A.M. 5/2/08

5/2/08 Too Wet - check equipment + called KCC for 3:00 P.M. SAT 5/3/08 SPUD

5/3/08 Saturday 2 P.M. - 11:00 P.M. dealing w/ Ray Ryan on Lease
did NOT SPUD - Lost entire Day

5/4/08 Sunday 4:30 P.M. Actual SPUD - Drilled to 5' BIT QUIET
To Shop For New BIT + Stabilizer 9 7/8" BIT
^{Tri-cone,}
^{Surface}

5/5/08 Monday

0 - 12' Topsoil & clay

2 - 12 1/2' Pawnee Limestone

22' { 12 1/2 - 13' Black shale (dry)

13' - 24' Pawnee Limestone

24 - 25 1/2' Black shale (dry) wet

25 1/2 - (33' 2 1/2") Gray shale (dry)

Set 33' 2 1/2" 7" O.D. casing @ 33' 2 1/2"

Cement Circulated w/ 6 SX @ 7:30 A.M.

Re-Fill WATER TRUCK + Finish Rigging UP + Fuel UP Rig

5/6/08 TUESDAY

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A.M. RAIN + move in BACKHOE TO Dig Pit + Rig-up Blineline +

Rig Check + Tripout w/ Fuel TRUCK For Fuel

5/7/08 Wednesday THRU Wednesday 5/14/08

AM + PM ALL DAY RAIN

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Ryan #14-1
5/15/08 Thursday

33' 2 1/2"

82

6" coal @ 56' NO GAS
6" Lime @ 57 1/2'
GRAY Shale

82 - 83
83 - 85 1/4
85 1/2 - 101 1/2
101 1/2 - 108 1/2
108 1/2 - 114 1/2
114 1/2 - 117 1/2
117 1/2 - 118 1/2
118 1/2 - 131 1/2
131 1/2 - 200
200 - 203
203 - 205
205 - 211
211 - 223
223 - 224
224 - 228
228 - 230
231 - 233
233 - 240
240 - 251
251 - 253
253 - 263
263 - 266
266 - 267
267 - 268 1/2

1' Lexington Coal
2' Black shale
OSwego Lime Gray Lime
Black shale Little gray shale
Black Jack Creek Lime
3' Excellent Black shale (WATER WASH)
1' Milky Coal (NO GAS)
UPPER Soudan Sand w/ shaly sand
w/ shaly sand w/ shaly sand NO FRESH OIL
Gray shale
Black shale
2' Better Coal NO GAS
Gray shale
DIC ✓ ✓
"V" Lime
"V" Shale Blk shale w/ coal streaks
Gray shale
Coal fleecing NO GAS
Blk shale NO GAS
V CRYSL WITH WASH
Light Gray shale w/ lime streaks
2' Minimal Coal
Light Gray shale w/ lime streaks
Black shale
✓ ✓
1 1/2' Coal Seaman

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268 1/2 -	(281) No GAS	Light Gray shale
281 -	286	Sdy
286 -	293	DK Gray shale
293 -	299	Black shale
299 -	300	Coal
300 -	(301) No GAS	Black shale
301 -	302	coal
302 -	312	Gray shale
312 -	(321) No GAS	Gr/Grn Sdy shale
321 -	328	
328 -	(341) No GAS	Gray shale
341 -	350 1/2 -	Dark Gray/Black shale
350 1/2 -	351 1/2	Coal (WATUWET)
351 1/2 -	(361 1/2) No GAS	Light Gray/White (Gr/Grn)
361 1/2 -	364	
364 -	365	1' Sand w/door
365 -	375	Gray shale
375 -	376	1' coal
376 -	381	Gray shale
381 -	(382) No GAS	1' coal (WATUWET)
382 -	386 1/2	Gray shale
386 1/2 -	387'	6" lens
387 -	398	Gray shale w/ Lime streaks
398 -	(402 1/2) No GAS	Dark

~~382 402 1/2~~

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BTM Joint

1 32.50

2 32.31

3 32.45

4 32.47

5 30.54

6 32.98

7 32.41

8 31.48

9 33.17

10 32.52

11 32.53

12 33.24

13 32.51 421.11

14 33.16 454.27

Top Joint 15 32.26 486.53

517.74 31.21 517.74

27.78

29.51

29.13

28.75

30.27

28.78

28.50

29.67

30.64

31.12

29.43

Dove Tail
PKR JT

PKR @ 470
Sotted
Tack Paper
Below
Packer
489

486.53
PKR @ 470.5
- 16.53

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~~402 1/2~~ ^{NO GAS} 408 Gray shale
~~408~~ ^{NO GAS} 423 Dark ✓ ✓
~~423~~ 428 1/2 ✓ ✓ ✓
~~428 1/2~~ 429 1/2 1' coal
~~429 1/2~~ ~~433 1/2~~ Lite Gray shale
~~433 1/2~~ ~~434 1/2~~ 1' coal
~~434 1/2~~ ~~436 1/2~~ Lite Gray shale
~~436 1/2~~ ^{NO GAS} 443 1/2 Dark ✓ ✓
 443 1/2 448 ✓ ✓ ✓
 448 - 449 1' coal
 449 - 452 Gray shale
 452 - 453 Dark ✓ ✓
 453 - 454 1' coal
 454 - 460 ^{NO GAS} Lite Gray shale
 460 - ^{NO GAS} 464 Dic. Gray/Blue shale
 464 - 478 ✓ ✓ ✓

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478 - 480 Riverton coal 2' ^{Water}
 480 - ^{NO GAS} 484 1/2 Dic Gray/Blue shale ✓ ✓ ✓
 484 1/2 - 485 ✓ ✓ ✓
 485 - ^{NO GAS} 490' ^{NO GAS} 491' Miss chert 6' in chert

491' RTD 490' @ 6 PM 5/15/08
 TEST 2 min then Blo down Lite Gas in Riverton coal
 Wash Down & Clean Hole 1/2 Hr
 5/16/08 Prepare pipe & cement & deliver to Rig
 5/17/08 Cement Day = pull out of hole + RDM on Rig + MIRR Rig + Run pipe + RDM
 MIRR cement + Circulate cement w/ 52 Sacks 60/40 Pozmix
 Pozmix