

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL  
7/20/07

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32912  
Name: Carroll Energy, LLC  
Address: 200 Arco Place - Suite 230 - Box 149  
City/State/Zip: Independence, KS 67301  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Tim Carroll  
Phone: ( 620 ) 332-1600  
Contractor: Name: L & S Well Service  
License: 33374

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Wellsite Geologist: \_\_\_\_\_  
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:  
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. \_\_\_\_\_

4/22/2007 4/23/2007 4/25/2007  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-001-29601-00-00  
County: Allen  
S.W. NE Sec. 5 Twp. 26S R. 20E East  West   
2280 feet from S /  (circle one) Line of Section  
1980 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one)  NE  SE  NW  SW  
Lease Name: SMART JD Well #: 5-C2  
Field Name: HUMBOLDT-CHANUTE  
Producing Formation: Cherokee Coals  
Elevation: Ground: 1002 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1025 Plug Back Total Depth: 1010  
Amount of Surface Pipe Set and Cemented at 22.1 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AK II NH 8-5-08  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
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: Vice Operating Manager Date: 7/20/2007

Subscribed and sworn to before me this 20 day of July,  
20 07

Notary Public: Chelsea L Carr  
Date Commission Expires: 3-28-2011

CHELSEA L. CARR  
Notary Public - State of Kansas  
My Appt. Expires 3-28-2011

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
RECEIVED  
KANSAS CORPORATION  
JUL 23 2007

Operator Name: Carroll Energy, LLC Lease Name: SMART JD Well #: 5-C2  
 Sec. 5 Twp. 26S S. R. 20E  East  West County: Allen

**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: Density Nuetron	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  See Attached  <div style="text-align: center; font-size: 1.2em; font-weight: bold;">                     KCC                      JUL 20 2007                      CONFIDENTIAL                 </div>
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CASING RECORD <input 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"	8.625	32	22.1	Portland	6	
Production	6 3/4"	4 1/2	10.5	1010	OWC	151	

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

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.		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 <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	Production Interval
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RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JUL 23 2007  
 CONFIRMATION DIVISION

L S Well Service, LLC #33374  
543-A 22000 Rd.  
Cherryvale, KS 67335  
620-328-4433

DRILLER LOG  
CARROLL ENERGY

JD Smart 5-C2  
Allen Co Kansas

0-5 DIRT  
5-15' SHALE  
15-125 LIME  
125-145 SHALE  
145-165 LIME  
165-167 BLACK SHALE  
167-195 SHALE  
195-201 SAND  
201-225 SHALE  
225-255 SANDY SHALE  
255-355 SHALE  
355-356 COAL  
356-376 SHALE  
376-382 LIME  
382-425 SHALE  
425-464 SAND  
464-466 SHALE  
466-471 LIME  
471-472 COAL  
472-479 SHALE  
479-502 LIME  
502-507 BLACK SHALE  
507-540 SHALE  
540-560 LIME OIL TRACE  
560-567 SHALE  
567-580 LIME  
580-591 SAND  
591-700 SHALE  
700-702 LIME  
702-703 COAL  
703-736 SHALE  
736-741 BLACK SHALE  
741-742 COAL  
742-766 SHALE  
766-767 COAL  
767-769 SHALE  
769-880 SANDY SHALE  
880-900 SAND  
900-940 SHALE  
940-941 COAL  
941-956 SHALE  
956-1025 LIME

T.D. 1025'

4-22-07 Drilled 11" hole and set 22.1' of 8 5/8" surface casing with 6 sacks Portland Cement

4-23-07 Started drilling 6 3/4" hole

4-23-07 Finished drilling to T.D. 1025'

255' 0"

325' 0"

495' SLIGHT BLOW

525' SLIGHT BLOW

535' 1" ON 1/2" ORIFICE

586' 1" ON 1/2" ORIFICE

676' 1" ON 1/2" ORIFICE

706' 1" ON 1/2" ORIFICE

796' 1" ON 1/2" ORIFICE

886' 1" ON 1/2" ORIFICE

946' 1" ON 1/2" ORIFICE

1006' 1" ON 1/2" ORIFICE

1025' 1" ON 1/2" ORIFICE

WATER @ 916'

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KANSAS CORPORATION COMMISSION

JUL 23 2007

CONSERVATION DIVISION  
WICHITA, KS

# KWS, LLC

19245 Ford Road  
Chanute, KS 66720

(620) 431-9212  
Mobile (620) 431-8945  
F

Carroll Energy, LLC  
200 Arco Place  
Suite 230 - Box 149  
Independence, KS 67301

Date	Invoice
5/2/2007	753

KCC  
JUL 20 2007  
CONFIDENTIAL

Date: 4-25-07  
Well Name: Smart JD 5-C2  
Section: 5  
Township: 26S  
Range: 20E  
County: Allen  
API: 001-29601-0000

## CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing &  
Wash Down  
HOLE SIZE: 6 3/4  
TOTAL DEPT: 1025  
WIRE LINE READING BEFORE:  
WIRE LINE READING AFTER:

(x) Landed Plug on Bottom at 500 PSI  
(x) Shut in Pressure Set Float  
( ) Lost Circulation  
(x) Good Cement Returns  
( ) Topped off well with \_\_\_\_\_ Sacks  
(x) Set Float Shoe - Shut In

Service or Product	Quantity	Per Foot Pricing/Unit Pricing	Amount
Run 4.5, wash down and cement	1,010	4.00	4,040.00T

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WICHITA, KS

Hooked onto 4.5 casing. Established circulation with 16 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 158 sacks of OWC cement, dropped rubber plug, and pumped 16 barrels of water.

<b>Subtotal</b>	\$4,040.00
<b>Sales Tax (7.3%)</b>	\$294.92
<b>Balance Due</b>	\$4,334.92

7/20/08



## Carroll Energy, LLC



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200 Arco Place Suite 230 – Box 149, Independence, KS. 67301  
Phone: (620) 332-1600 Fax: (620) 332-1601

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July 20, 2007

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market – Room 2078  
Wichita, KS 67202

SMART JD                      5-C2  
API:                              15-001-29601

KCC  
JUL 20 2007  
CONFIDENTIAL

To Whom it May Concern:

Enclosed is Form ACO-1 for the above referenced well. Carroll Energy respectfully requests that the KCC maintain this well information in a CONFIDENTIAL status for a period of 12 months from the date of receipt.

Should you have questions or need additional information, please contact our office. Thank you for your assistance.

Sincerely

Tim Carroll  
Vice Operating Manager

Enclosures:

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KANSAS CORPORATION COMMISSION

JUL 23 2007

CONSERVATION DIVISION  
WICHITA, KS