

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1/3/08  
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: KCC  
Operator Contact Person: Tim Carroll  
Phone: (620) 332-1600  
Contractor: Name: L & S Well Service  
License: 33374

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. \_\_\_\_\_

9/18/2006 9/19/2006 9/21/2006  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 15-001-29503-00-00  
County: Wilson  
SE NE SE Sec. 28 Twp. 25S S. R. 20E  East  West  
1680 feet from  N (circle one) Line of Section  
360 feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:

(circle one) NE  SE NW SW  
Lease Name: RUTHRAUFF Well #: C-1

Field Name: Fredonia  
Producing Formation: Cherokee Coals  
Elevation: Ground: 1061 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1012 Plug Back Total Depth: 997  
Amount of Surface Pipe Set and Cemented at 22.5 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.

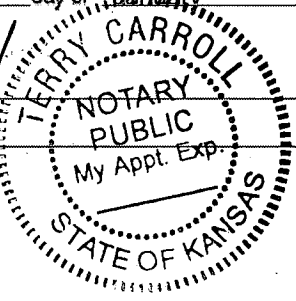
Drilling Fluid Management Plan ALPHNH 9-15-08  
(Data must be collected from the Reserve Pit)

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: \_\_\_\_\_  
Title: Vice Operating Manager Date: 1/3/2007  
Subscribed and sworn to before me this 03 day of January,  
20 07.  
Notary Public: \_\_\_\_\_  
Date Commission Expires: 10/26/09



KCC Office Use ONLY  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 05 2007  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Carroll Energy, LLC Lease Name: RUTHRAUFF Well #: C-1  
 Sec. 28 Twp. 25S S. R. 20E  East  West County: Wilson

**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:  
 Density Nuetron

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

See Attached

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	22.5	Portland	6	
Production	6 3/4	4 1/2	10.5	997	OWC	150	

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
	-	.	
	-	.	
	-	.	
	-	.	

TUBING RECORD Size            Set At            Packer At N/A Liner Run  Yes  No

Date of First, Resumed Production, SWD or Enhr. N/A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)           

Estimated Production Per 24 Hours	Oil Ebls.	Gas Mcf	Water Ebls.	Gas-Oil Ratio	Gravity
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Disposition of Gas            METHOD OF COMPLETION            Production Interval           

Ventd  Solid  Used on Lease  Open Hole  Perf.  Dually Comp.  Conmingled             
*(If vented, Submit ACO-18.)*  Other (Specify)

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, KS 67335

DRILLERS LOG  
CARROLL ENERGY

Ruthrauff #C-1  
S28, T25, R20  
Allen County, KS  
API #001-29503-0000

0-8 DIRT  
8-15' SANDY SHALE  
15-29 SHALE  
29-55 LIME  
55-70 SHALE  
70-215 LIME  
215-220 SHALE  
220-230 LIME  
230-380 SHALE  
380-390 LIME  
390-395 SHALE  
395-423 LIME  
423-440 SHALE  
440-462 SAND  
462-490 SANDY SHALE  
490-493 LIME  
493-494 COAL  
494-521 LIME PINK  
521-524 BLACK SHALE  
524-555 SHALE  
555-556 BLACK SHALE  
556-559 SHALE  
559-577 LIME OSWEGO  
577-581 BLACK SHALE  
581-600 LIME  
600-665 SHALE  
665-666 COAL  
666-689 SHALE  
689-690 COAL  
690-716 SHALE  
716-717 COAL  
717-826 SHALE  
826-827 COAL  
827-870 SHALE  
870-891 SAND  
891-917 SANDY SHALE  
917-918 COAL  
918-951 SHALE  
951-952 COAL  
952-958 SHALE  
958-1012' LIME

T.D. 1012'

9-18-06 Drilled 11" hole and set  
22.5' of 8 5/8" surface casing with  
6 sacks Portland cement.

9-19-06 Started drilling 6 3/4" hole

9-19-06 Finished drilling to T.D. 1012'

511' SLIGHT PUFF  
561' SLIGHT PUFF  
586' 0"  
611' 0"  
711' 0"  
736' 1" ON 1/2" ORIFICE  
836' 1" ON 1/2" ORIFICE  
861' 1" ON 1/2" ORIFICE  
887' 1" ON 1/2" ORIFICE  
937' 5" ON 1/2" ORIFICE  
955' 40" ON 1/2" ORIFICE  
962' 15" ON 1/2" ORIFICE  
987' 12" ON 1/2" ORIFICE  
1012' 12" ON 1/2" ORIFICE

KCC  
JAN 03 2007  
CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 05 2007  
CONSERVATION DIVISION  
WICHITA, KS

# KEPLEY WELL SERVICE CEMENTING

19245 Ford Road  
 Chanute, KS 66720  
 (620) 431-9212  
 Mobile (620) 431-8945

Carroll Energy, LLC  
 2198 Valley High Drive  
 Independence, KS 67301

KCC  
 JAN 03 2007  
 CONFIDENTIAL

Date	Invoice
9/27/2006	525

Date: 9-21-06  
 Well Name: Ruthrauff #C-1  
 Section: 28  
 Township: 25  
 Range: 20  
 County: Allen  
 API: 001-29503-00-00

## CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing  
 Wash Down  
 HOLE SIZE: 6 3/4  
 TOTAL DEPT: 1012  
 WIRE LINE READING BEFORE:  
 WIRE LINE READING AFTER:

- Landed Plug on Bottom at 750 PSI
- Shut in Pressure Set float
- Lost Circulation
- Good Cement Returns
- Topped off well with \_\_\_\_\_ Sacks
- Set Float Shoe - Shut In

Service or Product	Quantity	Per Foot Pricing/Unit Pricing	Amount
4.5	997	3.00	2,991.00T

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 WICHITA, KS

Hooked onto 4.5" casing. Established circulation with 17 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 150 sacks of OWC cement, and pumped 16 barrels of water.

<b>Subtotal</b>	\$2,991.00
<b>Sales Tax (7.3%)</b>	\$218.34
<b>Balance Due</b>	\$3,209.34

1/3/08  
1-3-09



# Carroll Energy, LLC



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

January 3, 2007

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

RUTHRAUFF C-1  
API: 15-001-29503

KCC  
JAN 03 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:

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 05 2007  
CONSERVATION DIVISION  
WICHITA, KS