

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

4/8/08

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

**WELL COMPLETION FORM**

**ORIGINAL**

**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: N/A  
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. \_\_\_\_\_

12/19/2006    12/22/2006    12/22/2006  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-205-27045-00-00  
County: Wilson  
NE SE SW Sec. 20 Twp. 28S S. R. 16E East  West   
990 feet from N (circle one) Line of Section  
2280 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: COX Well #: 20-B4

Field Name: Guilford

Producing Formation: \_\_\_\_\_

Elevation: Ground: 1000 Kelly Bushing: \_\_\_\_\_

Total Depth: 1700 Plug Back Total Depth: 1590

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 AIF # NHG 20-08  
(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: 4/8/2007

Subscribed and sworn to before me this 08 day of April,

20 07

Notary Public: Chelsea L Carr

Date Commission Expires: \_\_\_\_\_

**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 COMMISSION

APR 16 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Carroll Energy, LLC Lease Name: COX Well #: 20-B4  
 Sec. 20 Twp. 28S S. R. 16E  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 <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
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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	22.5	Portland	6	
Production	6 3/4	4 1/2	10.5	1590	OWC	240	

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	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
	-		
	-		
	-		
	-		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2.875	1577	1580	<input checked="" 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	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

L S Well Service, LLC #33374  
543A 22000 Road  
Cherryvale, Kansas 67335  
620-328-4433

Drill Log  
Carroll Energy, LLC

Cox #20-B4  
S20, T28,R16  
Wilson Co, KS  
API#205-27095-0000

0-15' LIME  
15-130 SHALE  
130-168 LIME  
168-235 SHALE  
235-255 LIME  
255-300 SHALE  
300-370 SANDY SHALE  
370-450 LIME  
450-485 SHALE  
485-486 COAL  
486-520 LIME  
520-523 SHALE  
523-576 LIME  
576-580 BLACK SHALE  
580-634 SHALE  
634-652 LIME  
652-671 SHALE  
671-682 LIME  
682-788 SHALE  
788-791 LIME  
791-795 BLACK SHALE  
795-811 LIME  
811-817 BLACK SHALE  
817-849 SHALE  
849-861 LIME OSWEGO  
861-866 BLACK SHALE  
866-874 LIME  
874-950 SHALE  
950-961 SAND  
961-974 SANDY SHALE  
974-976 BLACK SHALE  
976-1004 SHALE  
1004-1006 LIME  
1006-1008 BLACK SHALE  
1008-1035 SHALE  
1035-1037 BLACK SHALE  
1037-1059 SHALE  
1059-1060 COAL  
1060-1065 SHALE  
1065-1066 COAL  
1066-1068 SHALE  
1068-1080 SANDY SHALE  
1080-1105 SHALE  
1105-1110 BLACK SHALE  
1110-1115 LIME  
1115-1132 SANDY SHALE  
1132-1134 COAL

12-19-06 Drilled 11" hole and set 22.5'  
of 8 5/8" surface casing  
Set with 6 sacks Portland cement

12-21-06 Started drilling 6 3/4" hole

12-22-06 Finished drilling to T.D. 1638'

465' 0"  
586' SLIGHT BLOW  
706' SLIGHT BLOW  
796' SLIGHT BLOW  
886' 30" ON 1/2" ORIFICE  
976' 33" ON 1/2" ORIFICE  
1037' 32" ON 1/2" ORIFICE  
1067' 30" ON 1/2" ORIFICE  
1260' 35" ON 1/2" ORIFICE  
1277' 35" ON 1/2" ORIFICE  
1307' 35" ON 1/2" ORIFICE

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CONSERVATION DIVISION  
WICHITA, KS

L S Well Service, LLC #33374  
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Cherryvale, Kansas 67335  
620-328-4433

Drill Log  
Carroll Energy, LLC

Cox #20-B4  
S20, T28,R16  
Wilson Co, KS  
API#205-27095-0000

1134-1189 SHALE  
1189-1240 SANDY SHALE  
1240-1245 SHALE  
1245--1247 BLACK SHALE  
1247-1255 SHALE  
1255-1257 COAL  
1257-1267 SHALE  
1267-1534 LIME  
1534-1517 GREEN SHALE  
1517-1558 LIME  
1558-1568 SHALE  
1568-1570 BLACK SHALE  
1570-1638 LIME

T.D. 1638'

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APR 16 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  
 200 Arco Place  
 Suite 230 - Box 149  
 Independence, KS 67301

Date	Invoice
12/27/2006	626

Date: 12-21-06  
 Well Name: Cox 20-B4  
 Section: 20  
 Township: 28S  
 Range: 16E  
 County: Wilson  
 API: 205-27045-00-00

## CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing  
 HOLE SIZE: 6 3/4  
 TOTAL DEPT: 1633  
 WIRE LINE READING BEFORE:  
 WIRE LINE READING AFTER:

(x) Landed Plug on Bottom at 900 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
4.5	1,623	3.00	4,869.00T

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Hooked onto 4.5 casing. Established circulation with 25 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 240 sacks of OWC cement, dropped rubber plug, and pumped 25 barrels of water.

<b>Subtotal</b>	\$4,869.00
<b>Sales Tax (7.3%)</b>	\$355.44
<b>Balance Due</b>	\$5,224.44

4/8/08



# Carroll Energy, LLC



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

April 8, 2007

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

KCC  
APR 08 2007  
CONFIDENTIAL

COX 20-B4  
API: 15-205-27045

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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WICHITA, KS