

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

8/22/08  
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: \_\_\_\_\_  
Operator Contact Person: Tim Carroll  
Phone: (620) 332-1600  
Contractor: Name: L & S Well Service  
License: 33374  
Wellsite Geologist: \_\_\_\_\_

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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. \_\_\_\_\_

5/16/2007 5/17/2007 5/17/2007  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 15-001-29608-20-00  
County: Allen  
SW SE SW Sec. 27 Twp. 25S R. 21E  East  West  
360 feet from  N (circle one) Line of Section  
1620 feet from E /  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW  SW  
Lease Name: HARTMAN/PERRY Well #: 27-B4  
Field Name: ELSMORE WEST

Producing Formation: Cherokee Coals  
Elevation: Ground: 1050 Kelly Bushing: \_\_\_\_\_  
Total Depth: 916 Plug Back Total Depth: 906  
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 AITJNH 8-26-08  
(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: 8/22/2007

Subscribed and sworn to before me this 22 day of August,  
20 07

Notary Public: Chelsea L Carr **CHELSEA L. CARR**  
Notary Public - State of Kansas  
Date Commission Expires: 3-28-2011 My Appt. Expires 3-29-2011

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

Operator Name: Carroll Energy, LLC Lease Name: HARTMAN/PERRY Well #: 27-B4  
 Sec. 27 Twp. 25S S. R. 21E  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;">                     KCC                      AUG 22 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	22.5	Portland	6	
Production	6 3/4"	4 1/2	10.5	906	OWC	134	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	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  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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**AUG 23 2007**

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

DRILLER LOG  
CARROLL ENERGY

Hartman/Perry #27-B4  
S27, T25S, R21E  
Allen Co, Kansas  
API #001-29608-0000

0-1 DIRT  
1-50' LIME  
50-54 BLACK SHALE  
54-57 LIME  
57-95 SHALE  
95-162 LIME  
162-165 BLACK SHALE  
165-170 LIME  
170-255 SHALE  
255-288 SANDY SHALE  
288-300 LIME  
300-325 SHALE  
325-352 SAND  
352-378 SHALE  
378-381 LIME  
381-382 COAL  
382-410 LIME  
410-413 BLACK SHALE  
413-417 SHALE  
417-420 LIME  
420-423 BLACK SHALE  
423-424 COAL  
424-452 SHALE  
452-460 LIME  
460-461 COAL  
461-480 LIME  
480-484 BLACK SHALE  
484-500 LIME  
500-505 BLACK SHALE  
505-564 SHALE  
564-566 COAL  
566-594 SHALE  
594-596 COAL  
596-603 SHALE  
603-605 COAL  
605-621 SHALE  
621-622 COAL  
622-654 SHALE  
654-655 COAL  
655-666 SHALE  
666-679 SAND  
679-708 SHALE  
708-731 SANDY SHALE  
731-775 SAND  
775-790 SANDY SHALE  
790-796 SHALE  
796-801 BLACK SHALE

5-16-07 Drilled 11" hole and set 22.5' of 8 5/8" surface casing with 6 sacks Portland Cement

5-17-07 Started drilling 6 3/4" hole

5-17-07 Finished drilling to T.D. 916'

WATER @ 680'

285' 0"  
405' 0"  
435' 0"  
495' 0"  
525' SLIGHT BLOW  
580' SLIGHT BLOW  
616' 2" ON 1/2" ORIFICE  
646' 2" ON 1/2" ORIFICE  
676' 3" ON 1/2" ORIFICE  
766' 3" ON 1/2" ORIFICE  
796' 3" ON 1/2" ORIFICE  
835' 3" ON 1/2" ORIFICE  
856' 3" ON 1/2" ORIFICE  
886' 3" ON 1/2" ORIFICE  
916' 3" ON 1/2" ORIFICE

760' OIL ODOR  
775' OIL TRACE  
841' OIL ON PIT

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CONSERVATION DIVISION  
WICHITA KS

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

DRILLER LOG  
CARROLL ENERGY

Hartman/Perry #27-B4  
S27, T25S, R21E  
Allen Co, Kansas  
API #001-29608-0000

801-802	COAL
802-820	SHALE
820-830	SANDY SHALE
830-831	COAL
831-841	SHALE
841-916	LIME

T.D. 916'

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RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 23 2007

CONSERVATION DIVISION  
WICHITA, KS

# KWS, LLC

19247 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
5/17/2007	12

Date: 5-17-07  
Well Name: Hartman/Perry 27-B4  
Section: 27  
Township: 25S  
Range: 21E  
County: Allen  
API: 001-29608-0000

## CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing &  
Wash Down  
HOLE SIZE: 6 3/4  
TOTAL DEPT: 920  
WIRE LINE READING BEFORE:  
WIRE LINE READING AFTER:

- Landed Plug on Bottom at 600 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 - Run 4.5, wash down and cement	906	4.00	3,624.00T

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Hooked onto 4.5 casing. Established circulation with 10 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 134 sacks of OWC cement, dropped rubber plug, and pumped 14 barrels of water.

<b>Subtotal</b>	\$3,624.00
<b>Sales Tax (7.3%)</b>	\$264.55
<b>Balance Due</b>	RECEIVED \$3,888.55

KANSAS CORPORATION COMMISSION

AUG 23 2007

CONSERVATION DIVISION

8/22/08



# 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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August 22, 2007

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

KCC  
AUG 22 2007  
CONFIDENTIAL

HARTMAN/PERRY                      27-B4  
API:    15-001-29608

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

AUG 23 2007

CONSERVATION DIVISION  
WICHITA, KS