

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: \_\_\_\_\_  
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  SLOW  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. \_\_\_\_\_

10/8/2006 10/9/2006 10/11/2006  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

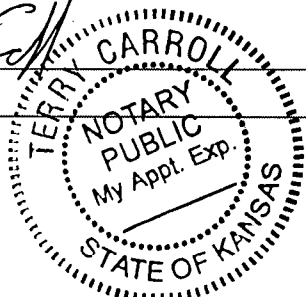
API No. 15 - 15-001-29518-00-00  
County: Allen  
C. NE. NW. NE Sec. 31 Twp. 25S S. R. 20E  East  West  
360 feet from N (circle one) Line of Section  
1630 feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: HESS Well #: 31-C1  
Field Name: Humboldt-Chanute  
Producing Formation: Cherokee Coals  
Elevation: Ground: 1034 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1016 Plug Back Total Depth: 1000  
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 A14 # NH 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, 82-3-108 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: 1/3/2007  
Subscribed and sworn to before me this 03 day of January,  
20 07.  
Notary Public: [Signature]  
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 08 2007  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Carroll Energy, LLC Lease Name: HESS Well #: 31-C1  
 Sec. 31 Twp. 25S S. R20E  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  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 Neutron

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	1000	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		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 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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-16.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_

Production Interval  Other (Specify): \_\_\_\_\_

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

DRILLERS LOG  
CARROLL ENERGY

Hess #31-C1  
S31, T25,R20  
Allen County, KS  
API #001-29518-0000

0-4 SOIL  
4-10' LIME  
10-14' SHALE  
14-22 SHALE  
22-84 LIME  
84-92 SHALE  
92-112 LIME  
112-149 SHALE  
149-151 LIME  
151-155 SHALE  
155-157 LIME  
157-167 SHALE  
167-182 LIME  
182-190 SHALE  
190-207 LIME  
207-219 SHALE  
219-221 LIME  
221-223 SHALE  
223-225 LIME  
225-387 SHALE  
387-388 BLACK SHALE COAL  
388-394 LIME  
394-417 SHALE  
417-427 LIME  
427-467 SHALE  
467-472 SAND  
472-496 SHALE  
496-500 LIME  
500-501 BLACK SHALE COAL  
501-523 LIME  
523-526 SHALE  
526-533 LIME  
533-535 BLACK SHALE COAL  
535-555 SHALE  
555-556 COAL  
556-570 SHALE  
570-586 LIME  
586-589 SHALE  
589-592 BLACK SHALE COAL  
592-602 LIME  
602-603 BLACK SHALE  
603-606 SHALE  
606-631 LIME  
631-695 SHALE  
695-699 BLACK SHALE  
699-714 SHALE  
714-715 COAL  
715-724 SHALE

10-8-06 Drilled 11" hole and set  
22.5' of 8 5/8" surface casing with  
6 sacks Portland cement.

10-9-06 Started drilling 6 3/4" hole

10-9-06 Finished drilling to T.D. 1016'

389' 0" ON 1/2" ORIFICE  
515' SLIGHT BLOW ON 1/2" ORIFICE  
540' 0" ON 1/2" ORIFICE  
597' SLIGHT BLOW ON 1/2" ORIFICE  
865' SLIGHT BLOW ON 1/2" ORIFICE  
891' SLIGHT BLOW ON 1/2" ORIFICE  
966' SLIGHT BLOW ON 1/2" ORIFICE  
991' SLIGHT BLOW ON 1/2" ORIFICE  
1016' SLIGHT BLOW ON 1/2" ORIFICE

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JAN 03 2007  
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KANSAS CORPORATION COMMISSION

JAN 08 2007

CONSERVATION DIVISION  
WICHITA, KS

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

DRILLERS LOG  
CARROLL ENERGY

Hess #31-C1  
S31, T25,R20  
Allen County, KS  
API #001-29518-0000

724-725	COAL
725-743	SHALE
743-756	SANDY SHALE
756-776	SHALE
776-777	SHALE
777-814	SHALE
814-815	BLACK SHALE COAL
815-831	BLACK SHALE
831-885	SHALE
885-891	SAND
891-958	SHALE
958-960	BLACK SHALE COAL
960-966	SHALE
966-1016	LIME MISSISSIPPI

OIL SHOW AT 966'

T.D. 1016'

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KANSAS CORPORATION COMMISSION

JAN 08 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
10/18/2006	550

Date: 10-11-06  
Well Name: Hess 31-C1  
Section: 31  
Township: 25  
Range: 20  
County: Allen  
API: 001-29518-00-00

## CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing  
HOLE SIZE: 6 3/4  
TOTAL DEPT: 1015  
WIRE LINE READING BEFORE:  
WIRE LINE READING AFTER:

Landed Plug on Bottom at 450 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	1,000	3.00	3,000.00T

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WICHITA, KS

Hooked onto 4.5 casing. Established circulation with 18 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 150 sacks of OWC cement, dropped rubber plug, and pumped 16 barrels of water.

<b>Subtotal</b>	\$3,000.00
<b>Sales Tax (7.3%)</b>	\$219.00
<b>Balance Due</b>	\$3,219.00

1/3/08  
1-3-09



## 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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January 3, 2007

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

HESS                      31-C1  
API:                      15-001-29518

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:

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KANSAS CORPORATION COMMISSION  
JAN 08 2007  
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WICHITA, KS