

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL 7/20/08

CONFIDENTIAL

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 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. _____
4/12/2007 4/16/2007 4/20/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-001-29599-0000
County: Allen
C. NW SW SW Sec. 1 Twp. 26S R. 20E East West
690 feet from (S) N (circle one) Line of Section
360 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: HARWOOD KD Well #: 1-A4
Field Name: SEIBERT

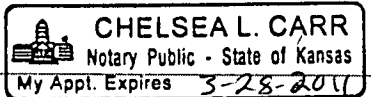
Producing Formation: Cherokee Coals
Elevation: Ground: 1040 Kelly Bushing: _____
Total Depth: 990 Plug Back Total Depth: 975
Amount of Surface Pipe Set and Cemented at 22.5 Feet
Multiple Stage Cementing Collar Used? Yes Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AIT 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



KCC Office Use ONLY

Y Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 23 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Carroll Energy, LLC Lease Name: HARWOOD KD Well #: 1-A4
 Sec. 1 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: right; 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	22.5	Portland	6	
Production	6 3/4"	4 1/2	10.5	975	OWC	178	

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
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 JUL 23 2007

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

DRILLER LOG
CARROLL ENERGY

Harwood 1-A4
Allen Co Kansas

0-2 SOIL
2-12' CLAY
12-20' SHALE
20-100 LIME
100-104 SHALE
104-109 LIME
109-115 SHALE
115-176 LIME
176-181 SHALE
181-201 LIME
201-347 SHALE
347-359 SANDY SHALE
359-363 LIME
363-368 SHALE
368-371 LIME
371-384 SHALE
384-409 SAND
409-418 SHALE
418-422 LIME
422-438 SHALE
438-471 LIME
471-472 BLACK SHALE COAL
472-488 LIME
488-489 SHALE
489-529 LIME
529-535 BLACK SHALE COAL
535-539 LIME
539-546 SHALE
546-548 LIME
548-636 SHALE
636-640 LIME
640-820 SHALE
820-843 SAND
843-898 SHALE
898-901 BLACK SHALE COAL
901-905 SHALE
905-990 LIME MISSISSIPPI

4-12-07 Drilled 11" hole and set 22.5' of 8 5/8"
surface casing with 6 sacks Portland Cement

4-13-07 Started drilling 6 3/4" hole

4-16-07 Finished drilling to T.D. 990'

364' 0"

489' 0"

515' 0"

540' 0"

665' 0"

665' 0"

765' 0"

905' 3" ON 1/2" ORIFICE

915' 5" ON 1/2" ORIFICE

940' 15" ON 1/2" ORIFICE

965' 8" ON 1/2" ORIFICE

990' 2" ON 1/2" ORIFICE

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JUL 20 2007
CONFIDENTIAL

T.D. 990'

RECEIVED
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

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

Date	Invoice
5/2/2007	749

Date: 4-20-07
 Well Name: Harwood KD 1-A4
 Section: 1
 Township: 26S
 Range: 20E
 County: Allen
 API: 001-29599-0000

CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing & Wash Down
 HOLE SIZE: 6 3/4
 TOTAL DEPT: 995
 WIRE LINE READING BEFORE:
 WIRE LINE READING AFTER:

- Landed Plug on Bottom at 700 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
Run 4.5, wash down and cement (4-20-07) Lost circulation during job. Pumped extra cement. Got circulation back while pumping plug. Got cement to top.	975	4.00	3,900.00T
Run 2 3/8 to bottom Wash from 700 ft. down. Wash hole clean. Pull 2 3/8 out. Wait to log. Wasn't able to log (4-18-07)	9	135.00	1,215.00T
Wash Down	1	300.00	300.00T
Vacuum Truck	9	85.00	765.00T

Hooked onto 4.5 casing. Established circulation with 15 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 178 sacks of OWC cement, dropped rubber plug, and pumped 15 barrels of water.

Subtotal
Sales Tax (7.3%)
Balance Due

KWS, LLC

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

KCC
 JUL 20 2007
 CONFIDENTIAL

Date	Invoice
5/2/2007	749

Date: 4-20-07
 Well Name: Harwood KD 1-A4
 Section: 1
 Township: 26S
 Range: 20E
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- Landed Plug on Bottom at 700 PSI
- Shut in Pressure Set Float
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- Good Cement Returns
- Topped off well with _____ Sacks
- Set Float Shoe - Shut In

Service or Product	Quantity	Per Foot Pricing/Unit Pricing	Amount
Run 2 3/8 with drill bit to bottom. Had to wash and drill from 700 ft. Wash hole clean. Pull 2 3/8 and bit out. Wait to log. Still unable to log (4-19-07)	9	135.00	1,215.00T
Wash Down	1	300.00	300.00T
Vacuum Truck	8	85.00	680.00T

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JUL 23 2007

CONSERVATION DIVISION
 WICHITA, KS

Hooked onto 4.5 casing. Established
 circulation with 15 barrels of water, 6 GEL, 2 METSO,
 1 COTTON ahead, blended 178 sacks of OWC cement,
 dropped rubber plug, and pumped 15 barrels of water.

Subtotal	\$8,375.00
Sales Tax (7.3%)	\$611.38
Balance Due	\$8,986.38

7/20/08



Carroll Energy, LLC



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

July 20, 2007

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

KCC
JUL 20 2007
CONFIDENTIAL

HARWOOD KD 1-A4
API: 15-001-29599

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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CONSERVATION DIVISION
WICHITA, KS