

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

Operator: License # 32912
Name: Carroll Energy, LLC
Address: 200 Arco Place - Suite 230 - Box 149
City/State/Zip: Independence, KS 67301
Purchaser: Carroll Energy, LLC
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. _____

<u>12/14/2006</u>	<u>12/15/2006</u>	<u>12/19/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-26728-00-00

County: Neosho

SE SE SE Sec. 21 Twp. 27S S. R. 20E East West

360 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: RICHWINE/TAYLOR Well #: 21-D4

Field Name: Humboldt-Chanute

Producing Formation: _____

Elevation: Ground: 1007 Kelly Bushing: _____

Total Depth: 941 Plug Back Total Depth: 926

Amount of Surface Pipe Set and Cemented at 21.5 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 CP-#2 KGR 6/28/07
(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 CF-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: 4/3/2007

Subscribed and sworn to before me this 03 day of April

20 07

Notary Public: Chelsea L Carr

CHELSEA L. CARR
Notary Public - State of Kansas
My Appt. Expires 3-28-2011

Date Commission Expires: _____

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 09 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Carroll Energy, LLC Lease Name: RICHWINE/TAYLOR Well #: 21-D4
 Sec. 21 Twp. 27S S. R. 20E East West County: Neosho

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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See Attached

List All E. Logs Run:
 Density Nuetron

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	21.5	Portland	6	
Production	6 3/4	4 1/2	10.5	926	OWC	137	

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 (Amount and Kind of Material Used)	Depth
	-		
	-		
	-		
	-		

TUBING RECORD	Size	Set At	Packer At	Liner Run
			N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method				
N/A	<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 Ventd Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

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

DRILLERS LOG
CARROLL ENERGY

Richwine/Taylor #21-D4
S21, T27,R20
Neosho County, KS
API #133-26723-0000

0-2	SOIL	12-14-06 Drilled 11" hole and set
2-4'	LIME	21.5' of 8 5/8" surface casing with
4-10'	SHALE	6 sacks Portland cement.
10-62'	LIME	
62-79	SANDY SHALE	12-15-06 Started drilling 6 3/4" hole
79-97	SHALE	
97-102	LIME	12-15-06 Finished drilling to T.D. 941'
102-120	SHALE	
120-204	LIME	264' 3" ON 1/2" ORIFICE
204-210	BLACK SHALE	364' 5" ON 1/2" ORIFICE
210-215	SHALE	389' 5" ON 1/2" ORIFICE
215-244	LIME	414' 5" ON 1/2" ORIFICE
244-260	SHALE	464' 7" ON 1/2" ORIFICE
260-264	BLACK SHALE	486' 13" ON 3/4" ORIFICE
264-274	LIME	515' 13" ON 3/4" ORIFICE
274-279	SHALE	565' 11" ON 3/4" ORIFICE
279-294	LIME	590' 12" ON 3/4" ORIFICE
294-297	SHALE	640' 12" ON 3/4" ORIFICE
297-299	LIME	690' 12" ON 3/4" ORIFICE
299-362	SHALE	740' 11" ON 3/4" ORIFICE
362-412	LIME	790' 11" ON 3/4" ORIFICE
412-413	BLACK SHALE W/COAL	840' 12" ON 3/4" ORIFICE
413-437	SHALE	879' 13" ON 3/4" ORIFICE
437-444	SANDY SHALE	891' 15" ON 3/4" ORIFICE
444-448	SAND	916' 12" ON 3/4" ORIFICE
448-457	SHALE	941' 17" ON 3/4" ORIFICE
457-458	BLACK SHALE COAL	
458-482	LIME OSWEGO	
482-484	BLACK SHALE COAL SUM	
484-494	LIME	
494-496	BLACK SHALE COAL SUM	
496-499	LIME	
499-620	SHALE	
620-621	BLACK SHALE COAL	
621-645	SHALE	
645-652	SANDY SHALE	
652-670	SHALE	
670-677	BLACK SHALE	
677-678	COAL FLEMING	
678-720	SHALE	
720-721	BLACK SHALE COAL	
721-739	SHALE	
739-758	SANDY SHALE	
758-801	SHALE	
801-802	COAL	
802-805	SHALE	
805-813	SANDY SHALE	
813-823	SAND	

RECEIVED
KANSAS CORPORATION COMMISSION

APR 09 2007

CONSERVATION DIVISION
WICHITA, KS

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

DRILLERS LOG
CARROLL ENERGY

Richwine/Taylor #21-D4
S21, T27, R20
Neosho County, KS
API #133-26723-0000

823-824 COAL
824-877 SHALE
877-879 BLACK SHALE COAL RIVER
879-941 LIME MISSISSIPPI

T.D. 941'

RECEIVED
KANSAS CORPORATION COMMISSION

APR 09 2007

CONSERVATION DIVISION
WICHITA, KS

KEPLEY WELL SERVICE CEMENTING

19245 Ford Road
 Chanute, KS 66720
 (620) 431-9212
 Mobile (620) 431-8945
 FED # 48-1103536

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

Date	Invoice
12/17/2006	625

Date: 12-19-06
 Well Name: Richwine/Taylor 21-24
 Section: 21
 Township: 27S
 Range: 20E
 County: Neosho
 API: 133-26728-00-00

CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing
 HOLE SIZE: 6 3/4
 TOTAL DEPT: 945
 WIRE LINE READING BEFORE:
 WIRE LINE READING AFTER:

- Landed Plug on Bottom at 400 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	926	3.00	2,778.00T

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 09 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 137 sacks of OWC cement, dropped rubber plug, and pumped 14 barrels of water.

Subtotal	\$2,778.00
Sales Tax (7.3%)	\$202.79
Balance Due	\$2,980.79