

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

8/18/08

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: _____
Operator Contact Person: Tim Carroll
Phone: (620) 332-1600
Contractor: Name: L & S Well Service
License: 33374

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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>4/30/2007</u>	<u>5/1/2007</u>	<u>5/10/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. ~~15~~ - 15-001-29594-00-00
County: Allen
C. NW. SE. SW Sec. 2 Twp. 25S R. 18E East West
960 feet from N (circle one) Line of Section
1650 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW **SW**

Lease Name: SMART HD Well #: 2-B4

Field Name: IOLA

Producing Formation: Cherokee Coals

Elevation: Ground: 980 Kelly Bushing: _____

Total Depth: 1127 Plug Back Total Depth: 1112

Amount of Surface Pipe Set and Cemented at 22.2 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 AIT II NH 8-28-08
(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: 8/18/2007

Subscribed and sworn to before me this 18 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 3-28-2011

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

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WICHITA, KS

Operator Name: Carroll Energy, LLC Lease Name: SMART HD Well #: 2-B4

Sec. 2 Twp. 25S S. R. 18E 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 Nuetron

Log Formation (Top), Depth and Datum 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	22.2	Portland	6	
Production	6 3/4"	4 1/2	10.5	1112	OWC	168	

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

DRILLER LOG
CARROLL ENERGY

Smart #2-B4

0-2 DIRT
2-5' CLAY
5-25' SHALE
25-75 LIME
75-150 SHALE
150-228 LIME
228-235 SHALE
235-245 SAND
245-251 SHALE
251-263 LIME
263-282 SHALE
282-295 LIME
295-305 SAND
305-315 SHALE
315-330 SAND
330-360 SHALE
360-368 SAND
368-431 SHALE
431-450 SAND
450-490 SHALE
490-498 LIME
498-505 SHALE
505-520 SAND
520-535 SHALE
535-545 SAND
545-567 SHALE
567-570 LIME
570-571 COAL
571-574 SHALE
574-595 LIME
595-601 BLACK SHALE
601-608 LIME
608-609 COAL
609-6637 SHALE
637-660 LIME GAS ODOR
660-664 BLACK SHALE
664-670 LIME
670-674 SHALE
674-678 OIL SAND
678-700 SANDY SHALE
700-786 SHALE
786-789 LIME
789-790 COAL
790-860 SHALE
860-861 COAL
861-888 SHALE
888-946 SAND OIL SHOW

4-30-07 Drilled 11" hole and set 22.2' of 8 5/8" surface casing with 6 sacks Portland Cement

5-1-07 Started drilling 6 3/4" hole

5-1-07 Finished drilling to T.D. 1127'

586' SLIGHT BLOW
616' 2" ON 1/2" ORIFICE
676' 15" ON 1/2" ORIFICE
796' 15" ON 1/2" ORIFICE
916' 15" ON 1/2" ORIFICE
976' 22" ON 1/2" ORIFICE
1006' 22" ON 1/2" ORIFICE
1037' 22" ON 1/2" ORIFICE
1067' 22" ON 1/2" ORIFICE
1077' 22" ON 1/2" ORIFICE
1127' 22" ON 1/2" ORIFICE

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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

Smart #2-B4

946-947	COAL
947-951	SHALE
951-955	LIME
955-998	SAND WATER
998-1035	LIME
1035-1037	COAL
1037-1044	SHALE
1044-1127	LIME

T.D. 1127'

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CONSERVATION COMMISSION
KANSAS

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
5/15/2007	1

Date: 5-10-07
 Well Name: Smart HD 2-B4
 Section: 2
 Township: 25S
 Range: 18E
 County: Allen
 API: 001-29594-0000

CEMENT TREATMENT REPORT

TYPE OF TREATMENT: Production Casing
 HOLE SIZE: 6 3/4
 TOTAL DEPT: 1140
 WIRE LINE READING BEFORE:
 WIRE LINE READING AFTER:

(x) Landed Plug on Bottom at 850 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 Run, wash and cement	1,123	4.00	4,492.00T

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 WICHITA, KS

Hooked onto 4.5 casing. Established circulation with 15 barrels of water, 6 GEL, 2 METSO, 1 COTTON ahead, blended 168 sacks of OWC cement, dropped rubber plug, and pumped 14.4 barrels of water.

Subtotal	\$4,492.00
Sales Tax (0.00)	\$0.00
Balance Due	\$4,492.00

8/18/08



Carroll Energy, LLC



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

August 18, 2007

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

SMART HD 2-B4
API: 15-001-29594

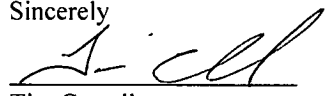
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To Whom it May Concern:

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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