

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

12/13/08
Form ACO-1
September 1999
Form Must Be Typed
AMENDED

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: M. Brent Natrass
Phone: (913) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606
Wellsite Geologist: _____

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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. _____

<u>8/18/2006</u>	<u>8/22/2006</u>	<u>4/26/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31103-00-00
County: Montgomery
_____ SW NE Sec. 11 Twp. 32 S. R. 14 East West
1980 feet from S / (circle one) Line of Section
1980 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Copenhaver Well #: 7-11
Field Name: Cherokee Basin Coal Area

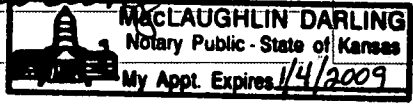
Producing Formation: Cherokee Coals
Elevation: Ground: 912' Kelly Bushing: _____
Total Depth: 1523' Plug Back Total Depth: 1519'
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1519
feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan W4 8/25/08
(Data must be collected from the Reserve Pit)
Chloride content N/A ppm Fluid volume _____ bbls
Dewatering method used N/A - Air Drilled
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: MB Natrass
Title: Agent Date: 8/23/07
Subscribed and sworn to before me this 23 day of August
07
Notary Public: MacLaughlin Darling
Date Commission Expires: 1/4/2009



KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
AUG 24 2007

Operator Name: Layne Energy Operating, LLC Lease Name: Copenhaver Well #: 7-11
 Sec. 11 Twp. 32 S. R. 14 East West County: Montgomery

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:

Compensated Density Neutron
 Dual Induction

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Pawnee Lime	900 GL	12
Excello Shale	1055 GL	-142
V Shale	1102 GL	-190
Mineral Coal	1150 GL	-238
Mississippian	1413 GL	-501

CASING RECORD <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface	11"	8.625"	24	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1519'	Thick Set	155	10# KOL seal @ sx

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
	See Attached Page		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	1416'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
5/11/2007		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	0	9	27		

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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CONSERVATION DIVISION
 WICHITA, KS

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Copenhaver 7-11		
	Sec. 11 Twp. 32S Rng. 14E, Montgomery County		
API:	15-125-31103-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Rowe 1363' - 1365' Drywood 1282.5' - 1284.5'	3500 lbs 20/40 sand 368 bbls water 650 gals 15% HCl acid	1282.5' - 1365'
4	Mineral 1149.5' - 1151.5' Croweburg 1102.5' - 1105.5' Bevier 1079.5' - 1081.5' Mulky 1055' - 1061' Little Osage 1029.5' - 1033'	10300 lbs 20/40 sand 870 bbls water 1050 gals 15% HCl acid	1029.5' - 1151.5'
4	Dawson 713' - 715'	400 lbs 20/40 sand 108 bbls water 250 gals 15% HCl acid	713' - 715'

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CONSERVATION DIVISION
WICHITA, KS

Layne Energy, Inc.

12/13/08

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

August 23, 2007

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

KCC
DEC 13 2007
CONFIDENTIAL

Re: Amended Well Completion Forms

Dear Mr. Bond:

I have enclosed the **amended** ACO-1 form and associated data for the following well:

API # 15-125-31103-00-00
Copenhaver 7-11

We respectfully request that all information submitted be kept confidential. Per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information, please contact me at (913) 748-3960.

Sincerely,



MacLaughlin Darling
Engineering Technician

Enclosures

cc: Well File
Field Office



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AUG 24 2007

CONSERVATION DIVISION
WICHITA, KS

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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

12/15/08

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: Victor H. Dyal
Phone: (913) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606

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DEC 15 2006

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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. _____

8/18/2006 8/22/2006
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-31103 - 00 - 00
County: Montgomery
____ - ____ SW NE Sec. 11 Twp. 32 S. R. 14 East West
1980 feet from S / (circle one) Line of Section
1980 feet from (circle one) W Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW

Lease Name: Copenhaver Well #: 7-11
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 912 Kelly Bushing: _____
Total Depth: 1523 Plug Back Total Depth: 1519
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1519
feet depth to Surface w/ 155 sx cmt.

Drilling Fluid Management Plan AK II NH 8-25-08
(Data must be collected from the Reserve Pit)
Chloride content N/A ppm Fluid volume _____ bbls
Dewatering method used N/A - Air Drilled
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: Agent Date: 12/13/2006
Subscribed and sworn to before me this 13 day of December
20
Notary Public: [Signature]
Date Commission Expires: 12/28/09

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
DEC 15 2006

NOTARY PUBLIC - State Of Kansas
BROOKE C. MAXFIELD
My Appt. Exp. 12/28/09

CONSERVATION DIVISION

Operator Name: Layne Energy Operating, LLC Lease Name: Copenhaver Well #: 7-11 DEC 15 2006
Sec. 11 Twp. 32 S. R. 14 [X] East [] West County: Montgomery

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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 [X] No (Attach Additional Sheets)
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron
Dual Induction

Table with 3 columns: Name, Top, Datum. Rows include Pawnee Lime (900 GL, 12), Excello Shale (1055 GL, -142), V Shale (1102 GL, -190), Mineral Coal (1150 GL, -238), and Mississippian (1413 GL, -501).

CASING RECORD table with columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight Lbs./ Ft., Setting Depth, Type of Cement, # Sacs Used, Type and Percent Additives. Includes rows for Surface and Casing.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD table with columns: Shots Per Foot, PERFORATION RECORD - Bridge Plugs Set/Type, Acid, Fracture, Shot, Cement Squeeze Record, Depth. Includes entry for SI - waiting on completion.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run, Date of First, Resumerd Production, SWD or Enhr., Producing Method, Estimated Production Per 24 Hours.

Disposition of Gas [] Vented [] Sold [] Used on Lease [] Open Hole [] Perf. [] Dually Comp. [] Commingled [] Other (Specify)
METHOD OF COMPLETION Production Interval

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Daily Well Work Report

COPENHAVER 7-11

8/18/2006

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Well Location:
MONTGOMERY KS
32S-14E-11 NE NE
1980FNL / 1980FEL

Cost Center G01013500600
Lease Number G010135
Property Code GLNA-0143
API Number 15-125-31103

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
8/18/2006	8/22/2006				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size	Pump Seat Depth
1523	1519	20	1519			1519

Reported By	Rig Number	Date	8/18/2006
Taken By		Down Time	
Present Operation		Contractor	

Narrative

MIRU Thornton drilling rig, drilled 11" hole 20' deep. Rih w/1 jts 8-5/8" surface casing. Mixed 4 sxs type 1 cement, dumped dn the backside. SDFN.

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WICHITA, KS

Cumulative Well Cost \$ 36,352.00

GEOLOGIC REPORT

LAYNE ENERGY
Copenhaver 7-11
SW NE, 1980 FNL, 1980 FEL
Section 11-T32S-R14E
Montgomery County, KS

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Spud Date: 8/18/2006
Drilling Completed: 8/22/2006
Logged: 8/23/2006
A.P.I. #: 1512531103
Ground Elevation: 912'
Depth Driller: 1523'
Depth Logger: 1520'
Surface Casing: 8.625 inches at 20'
Production Casing: 4.5 inches at 1519'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

Formation

Lansing Group
Pawnee Limestone
Excello Shale
"V" Shale
Mineral Coal
Mississippian

Tops (in feet below ground level)

Surface (South Bend Limestone Member)
900
1,055
1,102
1,150
1,413

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CONSERVATION DIVISION
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 820-431-8210 OR 800-487-8876

DEC 15 2006
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TICKET NUMBER 10620
 LOCATION Eureka
 FOREMAN Tray Strickler

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-23-06	4758	Capehaver 7-11				MG
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Layne Energy			446	Calin		
MAILING ADDRESS			442	Jarrid		
P.O. Box 160						
CITY	STATE	ZIP CODE				
Sycamore	Ks					

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1533' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1519' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2# SLURRY VOL 49 bbl WATER gals/ok 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 24.2 bbl DISPLACEMENT PSI 700 MIX PSI 1200 Pump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" casing Break Circulation w/ 3000 gal water.
Pump 6sk Gal - Flush, 1000 gal water spacer, 1000 gal Metasilicate Pre-Flush, 2000 gal water,
1500 gal Dry Water. Mixed 155sk Thick Set Cement w/ 10" Kel-Seal Plug @
13.2 # Puffal, which cut Pump & lines Release Plug. Displace w/ 24.2 bbl water
Final Pump Pressure 700 PSI. Pump Plug to 1200 PSI. Wait 2 mins Release Pressure.
Float Hold Good Cement to Surface = 2000 Slurry to pit

Job Complete

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
1126A	155sk	Thick Set Cement	14.65	2270.75
1112A	1550"	Kel-Seal 10" Puffal	.36	558.00
1118A	300"	Gal-Flush	.14	42.00
1111A	50"	Metasilicate Pre-Flush	1.65	82.50
5407A	8.5 Ton	Ten-Mileage Bulk Truck	1.05	357.00
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
		Thank You!		
			Sub Total	4276.25
			SALES TAX	158.64
			ESTIMATED TOTAL	4434.89

208443

AUTHORIZATION called by John Ed

TITLE _____ DATE _____
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 KANSAS CORPORATION COMMISSION

DEC 15 2006

CONSERVATION DIVISION
 WICHITA, KS

12/15/08

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

December 13, 2006

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

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DEC 14 2006
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RECEIVED
KANSAS CORPORATION COMMISSION
DEC 15 2006
CONSERVATION DIVISION
WICHITA, KS

Re: Well Completion Form

To Whom It May Concern:

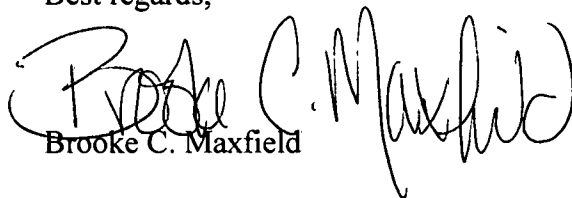
I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-125-31103
Copenhaver 7-11

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,


Brooke C. Maxfield

Enclosures

Cc Well File
Field Office

