

ORIGINAL

CONFIDENTIAL
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 20 2007

9-11-08
Form ACO-1
September 1999
Form Must Be Typed

AMENDED

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE WICHITA, KS

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. B. Natrass
 Phone: (913) 748-3987 **KCC**
 Contractor: Name: Thornton Air Rotary **SEP 11 2003**
 License: 33606
 Wellsite Geologist: _____ **CONFIDENTIAL**
 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>5/16/2006</u>	<u>5/18/2006</u>	<u>10/27/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

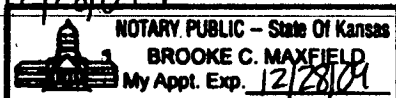
API No. 15 - 205-26374-00-00
 County: Wilson
 _____ SE SE Sec. 6 Twp. 30 S. R. 14 East West
657 feet from N (circle one) Line of Section
667 feet from W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Shire Well #: 16-6
 Field Name: Cherokee Basin Coal Area
 Producing Formation: Cherokee Coals
 Elevation: Ground: 968 Kelly Bushing: _____
 Total Depth: 1482 Plug Back Total Depth: 1477
 Amount of Surface Pipe Set and Cemented at 40 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1477
 feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan AITI NH 724-08
 (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: 2/19/2007
 Subscribed and sworn to before me this 19 day of February
01
 Notary Public: Brooke C. Maxfield
 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

Operator Name: Layne Energy Operating, LLC Lease Name: Shire Well #: 16-6
 Sec. 6 Twp. 30 S. R. 14 East West County: Wilson

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>992 GL</td> <td>-24</td> </tr> <tr> <td>Excello Shale</td> <td>1083 GL</td> <td>-115</td> </tr> <tr> <td>V Shale</td> <td>1154 GL</td> <td>-186</td> </tr> <tr> <td>Mineral Coal</td> <td>1199 GL</td> <td>-231</td> </tr> <tr> <td>Mississippian</td> <td>1394 GL</td> <td>-426</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	992 GL	-24	Excello Shale	1083 GL	-115	V Shale	1154 GL	-186	Mineral Coal	1199 GL	-231	Mississippian	1394 GL	-426
Name	Top	Datum																	
Pawnee Lime	992 GL	-24																	
Excello Shale	1083 GL	-115																	
V Shale	1154 GL	-186																	
Mineral Coal	1199 GL	-231																	
Mississippian	1394 GL	-426																	

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	# Sacjs Used	Type and Percent Additives
Surface	11	8.65	24	40'	Class A	10	Type 1 cement
Casing	6.75	4.5	10.5	1477'	Thick Set	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	See Attached	RECEIVED KANSAS CORPORATION COMMISSION FEB 20 2007 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8"	1290'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
SI-waiting on pipeline			<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 **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

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KANSAS CORPORATION COMMISSION

FEB 20 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC.
Lease Name: Shire 16-6
Sec. 6 Twp. 30S Rng. 14E, Wilson County
API: 15-205-26374

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1247-1248.5, 1154-1157.5, 1137.5-1141	Scammon, Croweburg, Bevier - 8600# 20/40 sand, 540 bbls wtr, 850 gal 15% HCl acid	1137.5-1248.5
4	1082.5-1087, 1068.5-1071.5, 988.5-990	Mulky, Summit, Mulberry - 9400# 20/40 sand, 570 bbls wtr, 950 gal 15% HCl acid	988.5-1087

KCC
SEP 11 2006
CONFIDENTIAL

Layne Energy, Inc.

9-11-2008

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

February 19, 2007

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 20 2007

CONSERVATION DIVISION
WICHITA, KS

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

KCC
SEP 14 2006
CONFIDENTIAL

Re: Well Completion Forms

To Whom It May Concern:

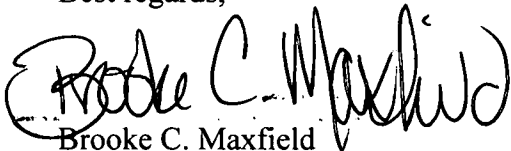
I have enclosed the amended ACO-1 forms and associated data for the following well:

API # 15-205-26374
Shire 16-6

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) 748-3960.

Best regards,



Brooke C. Maxfield

Enclosures

Cc Well File
Field Office



CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

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: M. B. Natrass
Phone: (913) 748-3987
Contractor: Name: Thornton Air Rotary
License: 33606
Wellsite Geologist: _____

SEP 11 2006
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KANSAS CORPORATION COMMISSION
SEP 12 2006
CONSERVATION DIVISION
WICHITA, KS

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. _____

5/16/2006 5/18/2006
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-26374-00-00
County: Wilson
SE Sec. 6 Twp. 30 S. R. 14 East West
657 feet from (S) N (circle one) Line of Section
667 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Shire Well #: 16-6
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 968 Kelly Bushing: _____
Total Depth: 1482 Plug Back Total Depth: 1477
Amount of Surface Pipe Set and Cemented at 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1477
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan ALT I/NH 7-28-06
(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: 9/11/06
Subscribed and sworn to before me this 11 day of September,
2006
Notary Public: Brooke C. Maxfield
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

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

Operator Name: Layne Energy Operating, LLC Lease Name: Shire Well #: 16-6 **SEP 11 2006**
 Sec. 6 Twp. 30 S. R. 14 East West County: Wilson **CONFIDENTIAL**

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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	992 GL	-24
Excello Shale	1083 GL	-115
V Shale	1154 GL	-186
Mineral Coal	1199 GL	-231
Mississippian	1394 GL	-426

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	# Sacjs Used	Type and Percent Additives
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Casing	6.75	4.5	10.5	1477'	Thick Set	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	SI-waiting on completion		
		RECEIVED KANSAS CORPORATION COMMISSION SEP 12 2006 CONSERVATION DIVISION WICHITA, KS	

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
SI-waiting on completion	<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 **Production Interval** Other (Specify) _____

CONSOLIDATED OIL WELL SERVICES, INC.
P.O. BOX 884, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

KCC
SEP 11 2006
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TICKET NUMBER 09942
LOCATION EUREKA
FOREMAN KEVIN MCCOY

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-19-06	4758	Shire 16-6				MG
CUSTOMER Layne Energy			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS P.O. Box 160			445 Rick L.			
CITY STATE ZIP CODE Sycamore KS			441 LARRY			
			436 John			
JOB TYPE <u>Longstring</u>	HOLE SIZE <u>6 3/4</u>	HOLE DEPTH <u>1482</u>	CASING SIZE & WEIGHT <u>4 1/2 10.5# NEW</u>			
CASING DEPTH <u>1477'</u>	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT <u>13.2#</u>	SLURRY VOL <u>47 BBL</u>	WATER gal/sk <u>8.0</u>	CEMENT LEFT IN CASING <u>0'</u>			
DISPLACEMENT <u>23.5#</u>	DISPLACEMENT PSI <u>800</u>	PSI <u>1300 Bump Plug</u>	RATE			

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 25 BBL Fresh water. Pump 4 sks Gel Flush, 5 BBL water spacer, 10 BBL Metasilicate Pre Flush, 15 BBL Dye water. Mixed 150 sks Thick Set Cement w/ 10# Kol-Seal per/sk @ 13.2# per/gal, yield 1.75, wash out Pump & Lines. Shut down. Release Plug. Displace w/ 23.5 BBL Fresh water. Final Pumping Pressure 800 PSI. Bump Plug to 1300 PSI. Wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 8 BBL Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE 1 st well of 2	3.15	126.00
1126 A	150 SKS	THICK SET CEMENT	14.65	2197.50
1110 A	1500 #	KOL-SEAL 10# per/sk	.36 #	540.00
1118 A	200 #	Gel Flush	.14 #	28.00
1111 A	50 #	Metasilicate Pre Flush	1.65 #	82.50
5407 A	8.25 TONS	40 miles BULK TRUCK	1.05	346.50
5502 C	3 HRS	80 BBL VAC TRUCK	90.00	270.00
1123	3000 GALS	City water	12.80 ^{per 1000}	38.40
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
			Sub Total	4468.90
THANK You			SALES TAX 5.3%	155.10
			ESTIMATED TOTAL	4624.00

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SEP 12 2006
CONSERVATION DIVISION
MICHIGAN

AUTHORIZATION Called By John Ed TITLE _____ DATE _____

205 516

GEOLOGIC REPORT

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KANSAS CORPORATION COMMISSION

SEP 12 2006

CONSERVATION DIVISION
WICHITA, KS

LAYNE ENERGY
Shire 16-6
SE SE, 657 FSL, 667 FEL
Section 6-T30S-R14E
Wilson County, KS

Spud Date: 5/16/2006
Drilling Completed: 5/18/2006
Logged: 5/18/2006
A.P.I. #: 1520526374
Ground Elevation: 968'
Depth Driller: 1482'
Depth Logger: 1480'
Surface Casing: 8.625 inches at 40'
Production Casing: 4.5 inches at 1477'
Cemented Job: Consolidate
Open Hole Logs: Dual Induction SFL/GR, High Resolution
Compensated Density/Neutron

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SEP 11 2006
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Formation

Tops (in feet below ground level)

Douglas Group	Surface (Stranger Formation)
Pawnee Limestone	992
Excello Shale	1,083
"V" Shale	1,154
Mineral Coal	1,199
Mississippian	1,394

09/11/08

Layne Energy, Inc.

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

September 11, 2006

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SEP 11 2006
CONFIDENTIAL

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

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 12 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 # 15-205-26374
Shire 16-6

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

