

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL 12/12/08

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 **KCC**  
Phone: (913) 748-3987  
Contractor: Name: McPherson Drilling **DEC 12 2006**  
License: 5675 **CONFIDENTIAL**

Wellsite Geologist: \_\_\_\_\_  
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. \_\_\_\_\_

8/16/2006 8/30/2006  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-31185-00-00  
County: Montgomery  
\_\_\_\_\_-\_\_\_\_\_-SW\_SE Sec. 20 Twp. 31 S. R. 16  East  West  
694 feet from  N (circle one) Line of Section  
1801 feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Allison Well #: 15-20  
Field Name: Neodesha  
Producing Formation: Cherokee Coals  
Elevation: Ground: 771 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1059 Plug Back Total Depth: 1012.8  
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 1034  
feet depth to Surface w/ 110 sx cmt.

Drilling Fluid Management Plan AH JNH 8-21-08  
(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: 12/12/06  
Subscribed and sworn to before me this 12 day of December  
Brooke C. Maxfield  
Notary Public: \_\_\_\_\_  
Date Commission Expires: 12/28/09

NOTARY PUBLIC -- State Of Kansas  
BROOKE C. MAXFIELD  
My Appt. Exp. 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 13 2006

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Allison Well #: 15-20  
 Sec. 20 Twp. 31 S. R. 16  East  West County: Montgomery **DEC 12 2006**

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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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	508 GL	263
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	651 GL	120
List All E. Logs Run:		V Shale	701 GL	70
Compensated Density Neutron Dual Induction		Mineral Coal	739 GL	32

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	30	Type 1 cement
Casing	6.75	4.5	10.5	1034'	Thick Set	110	

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 <i>(Amount and Kind of Material Used)</i>	Depth
	SI - waiting on completion		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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:  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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WICHITA, KS



**GEOLOGIC REPORT**

LAYNE ENERGY  
Allison 15-20  
SW SE, 694 FSL, 1801 FEL  
Section 20-T31S-R16E  
Montgomery County, KS

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DEC 12 2006  
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Spud Date: 8/16/2006  
Drilling Completed: 8/30/2006  
Logged: 8/30/2006  
A.P.I. #: 1512531185  
Ground Elevation: 771'  
Depth Driller: 1059'  
Depth Logger: 1059'  
Surface Casing: 8.625 inches at 40'  
Production Casing: 4.5 inches at 1034'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

**Formation**

Quaternary  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal

**Tops (in feet below ground level)**

Surface (Alluvium)  
508  
651  
701  
739

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WICHITA, KS

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DEC 12 2006

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

TICKET NUMBER 10667

LOCATION EUREKA

FOREMAN RICK LEFORD

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-31-06	4758	Allison 15-20				MG

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Alan		
502	Calin		

CUSTOMER: Layne Energy  
 MAILING ADDRESS: P.O. Box 160  
 CITY: Sycamore STATE: KS ZIP CODE: \_\_\_\_\_  
 JOB TYPE: Logging HOLE SIZE: 6 3/4" HOLE DEPTH: 1059' CASING SIZE & WEIGHT: 4 1/2" AU 5 # new  
 CASING DEPTH: 1034' DRILL PIPE: \_\_\_\_\_ TUBING: \_\_\_\_\_ OTHER: \_\_\_\_\_  
 SLURRY WEIGHT: 13.2 # SLURRY VOL: \_\_\_\_\_ WATER gal/sk: 8.0 CEMENT LEFT in CASING: 0'  
 DISPLACEMENT: 16.4 bbls DISPLACEMENT PSI: 500 ~~1000~~ PSI: 1000 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, 126 Metasilicate pre-flush 8 bbls dye water. Mixal 110 sks Thicket cement w/ 10 # Kel-seal 10 # @ 13.2 # / GAL Washout pump + lines. Release plug. Displace w/ 16.4 bbl fresh water. Final pump pressure 500 PSI. Bump plug to 1000 PSI. Wait 2 minutes. release plug. First held. Good cement return to surface = 8 bbl slurry to pit. Job complete. Tor 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	3.15	126.00
1126A	110 sks	Thicket cement	14.65	1611.50
1110A	110 #	Kel-seal 10 # @ 3.60	3.60	396.00
1118A	200 #	Gel-flush	.14 #	28.00
1111A	50 #	Metasilicate pre-flush	1.65 #	82.50
5407A	6.05	Ton-mileage Bulk TRK	m/c	225.00
4404	1	4 1/2" Tap rubber plug	40.00	40.00

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Thank You

CONSERVATION DIVISION  
 WICHITA, KS

subtotal 3359.00  
 SALES TAX 114.37  
 ESTIMATED TOTAL 3473.37

208050

DATE \_\_\_\_\_

Post-It® Fax Note 7671

Date	# of pages 1
To <u>DRODKE</u>	From <u>MICHELLE</u>
Co./Dept.	Co.
Phone #	Phone #
Fax # <u>413-748-3950</u>	Fax #

12/12/08

*Layne Energy, Inc.*

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

December 12, 2006

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DEC 13 2006

CONSERVATION DIVISION  
WICHITA, KS

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

KCC  
DEC 12 2006  
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Re: Well Completion Form

To Whom It May Concern:

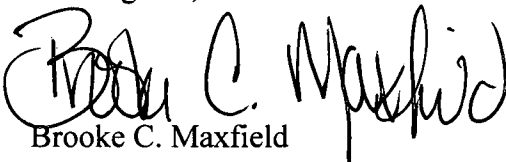
I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-125-31185  
Allison 15-20

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

