

1-18-09

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

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: KCC  
Operator Contact Person: M. B. Natrass  
Phone: (913) 748-3960  
Contractor: Name: Thornton Air Rotary  
License: 33606

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. \_\_\_\_\_

9/21/2006 9/25/2006  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 125-31188 - 00-00  
County: Montgomery  
\_\_\_\_\_ SE NE Sec. 2 Twp. 33 S. R. 16  East  West  
1940 feet from S /  (circle one) Line of Section  
601 feet from  (circle one) W Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Clubine Well #: 8-2  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 745 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1100 Plug Back Total Depth: 1091  
Amount of Surface Pipe Set and Cemented at 42 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1091  
feet depth to Surface w/ 115 sx cmt.

Drilling Fluid Management Plan Alt II NH 9-408  
(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: MS Natrass  
Title: Agent Date: 1/18/2007  
Subscribed and sworn to before me this 18 day of January  
2007  
Notary Public: Brooke C. Maxfield  
Date Commission Expires: 12/28/09

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

KCC Office Use ONLY  
4 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
KANSAS CORPORATION COMMISSION

JAN 19 2007  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Clubine Well #: 8-2  
 Sec. 2 Twp. 33 S. R. 16  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 <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	431 GL 314
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	591 GL 154
List All E. Logs Run:		V Shale	643 GL 102
Compensated Density Neutron		Mineral Coal	691 GL 54
Dual Induction		Mississippian	1004 GL -259

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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	42'	Class A	8	Type 1 cement
Casing	6.75	4.5	10.5	1091'	Thick Set	115	

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	<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b> <b>JAN 19 2007</b> <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

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 <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
SI - waiting on pipeline					
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	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) \_\_\_\_\_

# Layne Energy, Inc.

1-18-09

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

January 18, 2007

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

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JAN 18 2007  
CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 19 2007  
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 # 15-125-31188  
Clubine 8-2

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



# Daily Well Work Report

CLUBINE 8-2  
9/21/2006

**Well Location:**  
MONTGOMERY KS  
33S-16E-2 SE NE  
1940FNL / 601FEL

**Cost Center** C01025700100  
**Lease Number** C010257  
**Property Code** KSCV33S16E0208  
**API Number** 15-125-31188

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
9/21/2006	9/25/2006				

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size	Pump Seat Depth
1100	1091	42	1091			

**Reported By** \_\_\_\_\_ **Rig Number** \_\_\_\_\_ **Date** 9/21/2006  
**Taken By** \_\_\_\_\_ **Down Time** \_\_\_\_\_  
**Present Operation** \_\_\_\_\_ **Contractor** \_\_\_\_\_

## Narrative

MIRU Thornton drilling rig, drilled 11" hole 42' deep. Rih w/2 jts 8-5/8" surface casing. Mixed 8 sxs type 1 cement, dumped dn the backside. SDFN.

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JAN 19 2007  
CONSERVATION DIVISION  
WICHITA, KS

# GEOLOGIC REPORT

LAYNE ENERGY  
Clubine 8-2  
SE NE, 1940 FNL, 601 FEL  
Section 2-T33S-R16E  
Montgomery County, KS

Spud Date: 9/21/2006  
Drilling Completed: 9/25/2006  
Logged: 9/25/2006  
A.P.I. #: 1512531188  
Ground Elevation: 745'  
Depth Driller: 1100'  
Depth Logger: 1100'  
Surface Casing: 8.625 inches at 42'  
Production Casing: 4.5 inches at 1091'  
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  
Mississippian

## Tops (in feet below ground level)

Surface (Terrace Deposits)  
431  
591  
643  
691  
1,004

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WICHITA, KS

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

KCC

JAN 18 2007

TICKET NUMBER 10793

LOCATION EUREKA

FOREMAN RICK LEDFORD

TREATMENT REPORT & FIELD TICKET  
 CONFIDENTIAL  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-27-06	4758	clubine 8-2				MG
CUSTOMER Larue Energy						
MAILING ADDRESS P.O. Box 1160						
CITY Sycamore	STATE KS	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
			463	Alan		
			441	Jim		

JOB TYPE longstring HOLE SIZE 6 3/4" HOLE DEPTH 1100' CASING SIZE & WEIGHT 4 1/2" 10.5#  
 CASING DEPTH 1091' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# SLURRY VOL 36 bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 17.3 bbl DISPLACEMENT PSI 500 <sup>bump</sup> 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 fresh water spacer, 1 sk metasilicate pre-flush, 7 bbl dye water. Mixed 115 sks thickset cement w/10# Kal-seal #2/sk @ 13.2# #2/sk. Washout pump + lines. release plug. Displace w/17.3 bbl fresh water. Final pump pressure 500 PSI. Bump plug to 1000 PSI. wait 2 mins. release pressure. float held. Good cement returns to surface = 7 bbl slurry to pit. Job complete. Rig down.

"Thank You"

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 <sup>st</sup> well of 2	3.15	126.00
1126A	115 sks	thickset cement	14.65	1684.75
1110A	1150	Kal-seal 10# #2/sk	.36	414.00
1118A	200#	Gel-flush	.14	28.00
1111A	50#	metasilicate pre-flush	1.65	82.50
5407	6.7	Tan-mileage BULK TRK	m/c	275.00
4404	1	4 1/2" top rubber plug	40.00	40.00
RECEIVED KANSAS CORPORATION COMMISSION JAN 19 2007 CONSERVATION DIVISION WICHITA, KS			subtotal	3450.25
			5.3%	SALES TAX 119.20
				ESTIMATED TOTAL 3569.45

209349

AUTHORIZATION called by John EJ

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

*Layne Energy, Inc.*

1/18/09

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

July 9, 2007

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

KCC  
JAN 18 2007  
CONFIDENTIAL

Re: Amended Well Completion Forms

To Whom It May Concern:

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

API # 15-125-31188-00-00  
Clubine 8-2

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*

MacLaughlin Darling  
Engineering Technician

Enclosures

cc: Well File  
Field Office



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JUL 10 2007

CONSERVATION DIVISION  
WICHITA, KS

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

1/18/09

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: \_\_\_\_\_  
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. \_\_\_\_\_

9/21/2006    9/25/2006    3/16/2007  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 125-31188-00-00  
County: Montgomery  
\_\_\_\_\_ SE NE Sec. 2 Twp. 33 S. R. 16  East  West  
1940 feet from S /  (circle one) Line of Section  
601 feet from  (circle one) E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Clubine Well #: 8-2  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 745' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1100' Plug Back Total Depth: 1091'  
Amount of Surface Pipe Set and Cemented at 42 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1091'  
feet depth to Surface w/ 115 sx cmt.

Drilling Fluid Management Plan  
(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: 7/9/07  
Subscribed and sworn to before me this 9 day of July  
20 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

**MACLAUGHLIN-DARLING**  
Notary Public - State of Kansas  
My Appt. Expires 1/4/2009

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KANSAS CORPORATION COMMISSION  
JUL 10 2007  
CONSERVATION DIVISION  
WICHITA, KS



Operator Name: Layne Energy Operating, LLC Lease Name: Clubine Well #: 8-2  
 Sec. 2 Twp. 33 S. R. 16  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 <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>431 GL</td> <td>314</td> </tr> <tr> <td>Excello Shale</td> <td>591 GL</td> <td>154</td> </tr> <tr> <td>V Shale</td> <td>643 GL</td> <td>102</td> </tr> <tr> <td>Mineral Coal</td> <td>691 GL</td> <td>54</td> </tr> <tr> <td>Mississippian</td> <td>1004 GL</td> <td>-259</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	431 GL	314	Excello Shale	591 GL	154	V Shale	643 GL	102	Mineral Coal	691 GL	54	Mississippian	1004 GL	-259
Name	Top	Datum																	
Pawnee Lime	431 GL	314																	
Excello Shale	591 GL	154																	
V Shale	643 GL	102																	
Mineral Coal	691 GL	54																	
Mississippian	1004 GL	-259																	

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"	8.65"	24	42'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1091'	Thick Set	115	

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
	See Attached Page		

TUBING RECORD	Size Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8" 972'			
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
3/26/2007		<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	0	9	11	

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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KANSAS CORPORATION COMMISSION

JUL 10 2007

CONSERVATION DIVISION  
WICHITA, KS

KCC

JAN 18 2007

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<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Clubine 8-2		
	Sec. 2 Twp. 33S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-31188-00-00		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations</b>			
4	Rowe 933.5' - 935' Bluejacket 811' - 812.5' Weir 780.5' - 787.5'	10300 lbs 20/40 sand 7980 bbls water 700 gals 15% HCl acid	780.5' - 935'
4	Mineral 690' - 692.5' Fleming 657' - 658.5' Croweburg 643' - 645.5' Bevier 619' - 621.5'	7600 lbs 20/40 sand 709 bbls water 1000 gals 15% HCl acid	619' - 692.5'

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