

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

AMENDED

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

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: McPherson Drilling  
 License: 5675  
 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>5/18/2005</u>	<u>5/19/2005</u>	<u>7/11/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30744 0000  
 County: Montgomery  
SW NE SE Sec. 6 Twp. 32 S. R. 16  East  West  
1668 feet from (S) N (circle one) Line of Section  
940 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Ediger Well #: 9-6  
 Field Name: Jefferson-Sycamore  
 Producing Formation: Cherokee Coals  
 Elevation: Ground: 842 Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1248 Plug Back Total Depth: 1237  
 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 1245  
 feet depth to Surface w/ 130 sx cmt.

Drilling Fluid Management Plan  
 (Data must be collected from the Reserve Pit) ALT II WATER 9-8-07  
 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.: OCT 14 2005  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_ CONSERVATION DIVISION WICHITA, KS

**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: 10/13/05  
 Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.  
 Notary Public: \_\_\_\_\_  
 Date Commission Expires: \_\_\_\_\_

**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: Ediger Well #: 9-6  
 Sec. 6 Twp. 32 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 ✓ No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes ✓ No  Cores Taken Yes ✓ No Electric Log Run ✓ Yes No <i>(Submit Copy)</i>  List All E. Logs Run:  Compensated Density Neutron Dual Induction	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">✓ Log</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample</th> </tr> <tr> <td></td> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top Datum</td> </tr> <tr> <td></td> <td>Pawnee Lime</td> <td style="text-align: center;">597 245</td> </tr> <tr> <td></td> <td>Excello Shale</td> <td style="text-align: center;">746 96</td> </tr> <tr> <td></td> <td>V Shale</td> <td style="text-align: center;">795 47</td> </tr> <tr> <td></td> <td>Mineral Coal</td> <td style="text-align: center;">835 7</td> </tr> <tr> <td></td> <td>Mississippian</td> <td style="text-align: center;">1147 -305</td> </tr> </table>	✓ Log	Formation (Top), Depth and Datum	Sample		Name	Top Datum		Pawnee Lime	597 245		Excello Shale	746 96		V Shale	795 47		Mineral Coal	835 7		Mississippian	1147 -305
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CASING RECORD <span style="float: right;">✓ New Used</span>							
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"	23	20'	Class A	4	Type 1 Cement
Casing	6 3/4"	4.5"	10.5	1245	Thick Set	130	

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	<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b> <b>OCT 14 2005</b> <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	✓ No
		2 3/8"	1149'				
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
10/8/2005			Flowing	✓ Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	0	2	122				

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) \_\_\_\_\_

KCC

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION SEP 0 8 2005

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM CONFIDENTIAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

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: McPherson Drilling License: 5675 Designate Type of Completion: [X] New Well [ ] Re-Entry [ ] Workover [ ] Oil [ ] SWD [ ] SIOW [ ] Temp. Abd. [X] Gas [ ] ENHR [X] 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. 5/18/2005 5/19/2005 7/11/2005 Spud Date or Date Reached TD Completion Date or Recompletion Date

RECEIVED SEP 08 2005 KANSAS CORPORATION COMMISSION WICHITA, KS CONSERVATION DIVISION

API No. 15 - 125-30744 - 00-00 County: Montgomery ORIGINAL SW NE SE Sec. 6 Twp. 32 S. R. 16 [X] East [ ] West 1668 feet from S N (circle one) Line of Section 940 feet from E W (circle one) Line of Section Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE NW SW Lease Name: Ediger Well #: 9-6 Field Name: Jefferson-Sycamore Producing Formation: Cherokee Coals Elevation: Ground: 842 Kelly Bushing: Total Depth: 1248 Plug Back Total Depth: 1237 Amount of Surface Pipe Set and Cemented at 20' Feet Multiple Stage Cementing Collar Used? [ ] Yes [X] No If yes, show depth set Feet If Alternate II completion, cement circulated from 1245 feet depth to Surface w/ 130 sx cmt.

Drilling Fluid Management Plan (Data to be collected from the Reserve Pit) Act if with 9-6-07 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: 9/7/05 Subscribed and sworn to before me this 7th day of September 2005. Notary Public: Mo Ah Date Commission Expires: 10/14/2008

KCC Office Use ONLY YES Letter of Confidentiality Attached If Denied, Yes [ ] Date: Wireline Log Received Geologist Report Received UIC Distribution

CONFIDENTIAL

Side Two

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SEP 08 2005

ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Ediger Well #: 9-6
Sec. 6 Twp. 32 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 (Attach Additional Sheets) Samples Sent to Geological Survey Cores Taken Electric Log Run (Submit Copy) List All E. Logs Run: Compensated Density Neutron Dual Induction

CASING RECORD Table with columns: 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

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

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Table with columns: Shots Per Foot, Footage, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth

TUBING RECORD Table with columns: Size, Set At, Packer At, Liner Run (Yes/No), Date of First, Resumed Production, SWD or Enhr., Producing Method (Flowing, Pumping, Gas Lift, Other), Estimated Production Per 24 Hours (Oil, Gas, Water), Gas-Oil Ratio, Gravity

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

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GEOLOGIC REPORT

LAYNE ENERGY  
Ediger 9-6  
NE ¼ , SE ¼, 1,668' FSL, 940' FEL  
Section 6-T32S-R16E  
MONTGOMERY COUNTY, KANSAS

CONSERVATION DIVISION  
WICHITA, KS

Drilled: May 18-19, 2005  
Logged: May 19, 2005  
A.P.I.# 15-125-30744  
Ground Elevation: 842'  
Depth Driller: 1,248'  
Depth Logger: 1,250'  
Surface Casing: 8 5/8" @ 20'  
Production Casing: 4 1/2" @ 1,245'  
Cemented Job: Consolidated  
Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

<b>FORMATION</b> .....	<b>TOPS (in feet below ground surface)</b>
Kansas City Group.....	Surface (Cottage Grove Sandstone)
Lenapah Lime .....	398
Altamont Lime.....	442
Pawnee Lime .....	597
Anna Shale.....	617
First Oswego Lime .....	685
Little Osage Shale.....	719
Excello Shale .....	746
Mulky Coal .....	752
Iron Post Coal .....	773
"V" Shale.....	795
Croweburg Coal.....	798
Mineral Coal .....	835
AW Coal .....	1,076
Riverton Coal.....	1,130
Mississippian .....	1,147

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ORIGINAL

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Ediger 9-6		
	Sec. 6 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-30744		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1129-1131, 1076.5-1077.5, 834.5-836	Riverton, Rowe, Scammon A - 1,500gal 15% HCL + 295 bbls water + 2,800# 20/40 Sand	834.5-1131
4	796.5-799, 772.5-774, 747-752.5, 719.5-723	Croweberg, Ironpost, Mulkey, Summit - 2,600 gal 15% HCL + 570 bbls water + 6,000 # 20/40 Sand	719.5-799

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MORNING COMPLETION REPORT

Report Called in by: John Ed

Report taken by: KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBYD
EDIGER 9-6			5/18/2005	1	DEPTH	TYPE FLUID
PRESENT OPERATION:		DRILL OUT FROM UNDER SURFACE			TYPE	WT
						VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MC		
OD SHOE DEPTH	8 5/8" 2AB J-55 -- Bat 20'	TEST PERFS		RIG NO	Mike	
PACKER OR ANCHOR	FISHING TOOLS OD ID	TO		SQUEEZED OR PLUG BACK PERFS		
		TO		TO		
		TO		TO		
		TO		TO		
		TO		TO		
HRS	BRIEF DESCRIPTION OF OPERATION					
	MIRU MCPHERSON DRILLING, DRILLED 11" HOLE, 20' DEEP, R/W 1 JT 8 5/8" SURFACE CASING.					
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED ON THE BACKSIDE. SOFN.					

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 WICHITA, KS

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280
DAILY TOTALS	2880

DETAILS OF RENTALS, SERVICES, & MISC

MCPHERSON DRILLING @ 8.50/R	
MCPHERSON (CEMENT)	80
DIRTWORKS (LOC, RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000
DAYWORK	

PREVIOUS TCTD \_\_\_\_\_ TCTD 2880

