

*Confidential*

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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: KCC  
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     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. \_\_\_\_\_

4/27/2006    5/2/2006    5/15/2006  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 125-31048-00.00  
County: Montgomery  
- - SW\_NW Sec. 28 Twp. 32 S. R. 16  East  West  
1980 feet from S / (N) (circle one) Line of Section  
661 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Tucker Well #: 5-28  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 797 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1185 Plug Back Total Depth: 1182  
Amount of Surface Pipe Set and Cemented at 40 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
 Yes, show depth set \_\_\_\_\_ Feet  
If Alternate completion, cement circulated from 1182  
feet depth to Surface w/ 125 sx cmt.

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**WICHITA, KS**

Drilling Fluid Management Plan ATTN 9-3-08  
(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: 8/25/06  
Subscribed and sworn to before me this 25 day of August  
Brooke C. Maxfield  
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

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

Operator Name: Layne Energy Operating, LLC Lease Name: Tucker Well #: 5-28  
 Sec. 28 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 <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>521 GL</td> <td>276</td> </tr> <tr> <td>Excello Shale</td> <td>675 GL</td> <td>122</td> </tr> <tr> <td>V Shale</td> <td>722 GL</td> <td>75</td> </tr> <tr> <td>Mineral Coal</td> <td>762 GL</td> <td>35</td> </tr> <tr> <td>Mississippian</td> <td>1106 GL</td> <td>-309</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	521 GL	276	Excello Shale	675 GL	122	V Shale	722 GL	75	Mineral Coal	762 GL	35	Mississippian	1106 GL	-309
Name	Top	Datum																	
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Mississippian	1106 GL	-309																	

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	65	Type 1 cement
Casing	6.75	4.5	10.5	1182'	Thick Set	125	

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		

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TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	1113'		

Date of First, Resumerd Production, SWD or Enhr. <b>8/1/2006</b>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0	110		

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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**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Tucker 5-28  
Sec. 28 Twp. 32S Rng. 16E, Montgomery County  
**API:** 15-125-31048

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1091-1094	Riverton-1300# 20/40 sand, 212 bbls wtr, 500 gal 15% HCl acid	1091-1094

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WICHITA, KS

**GEOLOGIC REPORT**

LAYNE ENERGY  
Tucker 5-28  
SW NW, 1980 FNL, 661 FWL  
Section 28-T32S-R16E  
Montgomery County, KS

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Spud Date: 4/27/2006  
Drilling Completed: 5/2/2006  
Logged: 5/2/2006  
A.P.I. #: 1512531048  
Ground Elevation: 797'  
Depth Driller: 1185'  
Depth Logger: 1181'  
Surface Casing: 8.625 inches at 41'  
Production Casing: 4.5 inches at 1181.6'  
Cemented Job: Consolidated  
Open Hole Logs: Dual Induction SFL/GR, High Resolution  
Compensated Density/Neutron

**Formation**

Kansas City Group  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal  
Mississippian

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

Surface (Nellie Bly Formation)  
521  
675  
722  
762  
1,106

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WICHITA, KS



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

KCC

AUG 25 2006

TICKET NUMBER 09890

LOCATION EUREKA

FOREMAN KEVIN MCCOY

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TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-3-06	4758	Tucker 5-28				MG
CUSTOMER						
Layne Energy			Gus Jones Rig 2			
MAILING ADDRESS						
P.O. Box 160						
CITY		STATE	ZIP CODE			
Sycamore		Ks				
TRUCK #	DRIVER	TRUCK #	DRIVER			
445	RICK L.					
442	RICK P.					

JOB TYPE Longstring HOLE SIZE 6<sup>3/4</sup> HOLE DEPTH 1184' CASING SIZE & WEIGHT 4 1/2 10.5\* New  
 CASING DEPTH 1182' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2\* SLURRY VOL 39 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 18.8 BBL DISPLACEMENT PSI 500 PSI/1000 Bump Plug 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, 10 BBL Metasilicate Pre Flush, 10 BBL Dye water. Mixed 125 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/ 18.8 BBL Fresh water. FINAL Pumping Pressure 500 psi. Bump Plug to 1000 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 <sup>st</sup> well of 2	3.15	126.00
1126 A	125 SKS	THICK Set Cement	14.65	1831.25
1110 A	1250 *	KOL-SEAL 10* per/sk	.36 *	450.00
1118 A	200 *	Gel Flush	.14 *	28.00
1111 A	50 *	Metasilicate Pre Flush	1.65 *	82.50
5407 A	6.87 TONS	40 miles BULK TRUCK	1.05	288.54
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
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			Sub Total	3646.29
			SALES TAX 5.3%	128.88
			ESTIMATED TOTAL	3775.17

AUTHORIZATION Called By John Ed

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

Thank You  
 20511

*Layne Energy, Inc.*

08/25/08

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

August 25, 2006

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

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Re: Well Completion Form

CONSERVATION DIVISION  
WICHITA, KS

To Whom It May Concern:

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

API # 15-125-31048  
Tucker 5-28

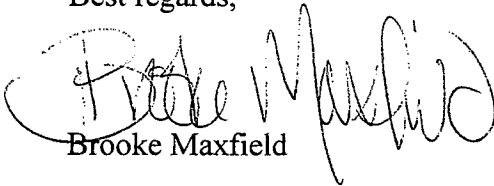
API # 15-205-26312  
Hare 10-22 (amended)

API # 15-125-31044  
Schabel 15-34

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 Maxfield

Enclosures

Cc Well File  
Field Office

