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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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KANSAS CORPORATION COMMISSION

Form ACO-1  
September 1999  
Form Must Be Typed

SEP 06 2006

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION  
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  
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. \_\_\_\_\_

<u>5/12/2006</u>	<u>5/16/2006</u>	<u>6/20/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31034 - 00-00  
County: Montgomery  
\_\_\_\_ - \_\_\_\_ - SW - SW Sec. 15 Twp. 31 S. R. 14  East  West  
660 feet from  N (circle one) Line of Section  
660 feet from E /  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Schoeni-Trees Well #: 13-15  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 869 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1523 Plug Back Total Depth: 1519  
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 1519  
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan API II NH 7-30-08  
(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: M. B. Natrass  
Title: Agent Date: 9/5/06  
Subscribed and sworn to before me this 5th 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: Schoeni-Trees Well #: 13-15  
 Sec. 15 Twp. 31 S. R. 14  East  West County: Montgomery

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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 <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>900 GL</td> <td>-31</td> </tr> <tr> <td>Excello Shale</td> <td>1034 GL</td> <td>-165</td> </tr> <tr> <td>V Shale</td> <td>1094 GL</td> <td>-225</td> </tr> <tr> <td>Mineral Coal</td> <td>1142 GL</td> <td>-273</td> </tr> <tr> <td>Mississippian</td> <td>1416 GL</td> <td>-547</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	900 GL	-31	Excello Shale	1034 GL	-165	V Shale	1094 GL	-225	Mineral Coal	1142 GL	-273	Mississippian	1416 GL	-547
Name	Top	Datum																	
Pawnee Lime	900 GL	-31																	
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V Shale	1094 GL	-225																	
Mineral Coal	1142 GL	-273																	
Mississippian	1416 GL	-547																	

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	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1519'	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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Attached	<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b> <b>SEP 06 2006</b> <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1411'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
7/12/2006			<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	10	113		

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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WICHITA, KS

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**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Schoeni-Trees 13-15  
Sec. 15 Twp. 31S Rng. 14E, Montgomery County  
**API:** 15-125-31034

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1359-1362.5, 1185.5-1189.5, 1158-1159.5, 1141.5-1144	Rowe, Tebo, Scammon, Mineral-8100# 20/40 sand, 1150 gal 15% HCl acid, 656 bbls wtr	1362.5-1141.5
4	1094-1099, 1075-1076.5	Croweburg, Ironpost-4400# 20/40 sand, 650 gal 15% HCl acid, 415 bbls wtr	1075-1099
4	1034-1039.5, 1016.5-1019.5, 897.5-899	Mulky, Summit, Mulberry-ATP 877, 15 min 552, 7200# 20/40 sand, 1000 gal 15% HCl acid, 595 bbls wtr	897.5-1039.5



CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-457-8876

*ATTN BROOKIE*  
*M*

TICKET NUMBER 09971  
 LOCATION Eureka  
 FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-17-06	4758	<u>Stroeni 13-15</u>				MG
CUSTOMER <u>Layne Energy</u>						
MAILING ADDRESS <u>P.O. Box 160</u>						
CITY <u>Sycamore</u>	STATE <u>Ks</u>	ZIP CODE				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			<u>463</u>	<u>Alan</u>		
			<u>441</u>	<u>Larry</u>		
			<u>436</u>	<u>J.P.</u>		

*Gus Jones #2*

JOB TYPE Logging HOLE SIZE 6 3/4 HOLE DEPTH 1523 CASING SIZE & WEIGHT 4 1/2" 10.5"  
 CASING DEPTH 1519' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# SLURRY VOL 47.50bbl WATER gal/sk 8.0 CEMENT LEFT IN CASING 0'  
 DISPLACEMENT 24 bbl DISPLACEMENT PSI 800 MIX PSI 1300 Pump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting; Rig up to 4 1/2" casing. Break circulation w/ 25Bbl water. Pump 4sk Gel-Flush, 1sk Metasilicate Pre-Flush, 14 Bbl Dye water. Mixed 150sk Thick Set Cement w/ 10" Kat-Seal PWT @ 13.2# P/sk. Wash out Pump + lines. Release Plug. Displace w/ 24Bbl Fresh Water. Final Pump Pressure 800 PSI. Pump Plug to 1300 PSI. Wait 2 min. Release Pressure. Float Held. Good Cement to Surface = 7Bbl Slump to Pit.

*Job Complete*

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	CONSERVATION DIVISION UNIT PRICE	CONSERVATION DIVISION TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
<b>KCC</b>				
1126A	150sk	Thick Set Cement	14.65	2197.50
1110A	1500"	Kat Seal 10" PWT	.36"	540.00
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1118A	200"	Gel-Flush	.14"	28.00
1111A	50"	Metasilicate Pre-Flush	1.65"	82.50
5407A	8.25	Ton-Mileage Bulk Truck	1.05	346.50
5502C	4hrs	80Bbl Vac. Truck	90.00	360.00
1123	3000gal	City Water	12.80	38.40
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
<i>Thank You!</i>				
			Sub Total	4558.90
			5.32 SALES TAX	155.10
			ESTIMATED TOTAL	4714.00

AUTHORIZATION called by John Ed.

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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WICHITA, KS

## GEOLOGIC REPORT

LAYNE ENERGY  
Schoeni-Trees 13-15  
SW SW, 660 FSL, 660 FWL  
Section 15-T31S-R14E  
Montgomery County, KS

Spud Date:	5/12/2006
Drilling Completed:	5/16/2006
Logged:	5/16/2006
A.P.I. #:	1512531034
Ground Elevation:	869'
Depth Driller:	1523'
Depth Logger:	1523'
Surface Casing:	8.625 inches at 21'
Production Casing:	4.5 inches at 1519'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR, High Resolution Compensated Density/Neutron

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### Formation

Lansing Group  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal  
Mississippian

### Tops (in feet below ground level)

Surface (Stanton Limestone)  
900  
1,034  
1,094  
1,142  
1,416

*Layne Energy, Inc.*

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

09/05/07

September 5, 2006

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CONSERVATION DIVISION  
WICHITA, KS

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

**KCC**  
SEP 05 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 # 15-125-31034  
Schoeni-Trees 13-15

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

