

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 **NOV 28 2006**  
Contractor: Name: McPherson Drilling  
License: 5675 **CONFIDENTIAL**

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>8/1/2006</u>	<u>8/3/2006</u>	<u>10/16/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31025 - 0000  
County: Montgomery  
SW NE SW NE Sec. 33 Twp. 31 S. R. 14  East  West  
1734 feet from S / **(N)** (circle one) Line of Section  
1960 feet from **(E)** W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Schwatken Well #: 7-33  
Field Name: Cherokee Basin Coal  
Producing Formation: Cherokee Coals  
Elevation: Ground: 860 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1485 Plug Back Total Depth: 1477  
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 1477  
feet depth to Surface w/ 150 sx cmt.

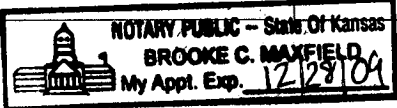
Drilling Fluid Management Plan **Alt II NH 8-14-08**  
(Data must be collected from the Reserve Pit)  
Chloride content N/A ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used N/A - Air Drilled  
Location of fluid disposal if hauled offsite: **RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
Operator Name: \_\_\_\_\_ **NOV 29 2006**  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter: \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_  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: M B Natrass  
Title: Agent Date: 11/28/2006  
Subscribed and sworn to before me this 28 day of November  
de Brooke C. Maxfield  
Notary Public  
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



Operator Name: Layne Energy Operating, LLC Lease Name: Schwatken Well #: 7-33 NOV 28 2006
Sec. 33 Twp. 31 S. R. 14 [X] East [ ] West County: Montgomery CONFIDENTIAL

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 [ ] Yes [X] No [X] Log Formation (Top), Depth and Datum [ ] Sample
Name Top Datum
Pawnee Lime 911 GL -51
Excello Shale 1055 GL -195
V Shale 1107 GL -247
Mineral Coal 1152 GL -292
Mississippian 1413 GL -553

CASING RECORD [X] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

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
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
Depth
See Attached
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TUBING RECORD Size Set At Packer At Liner Run [ ] Yes [X] No
Date of First, Resumerd Production, SWD or Enhr. 11/17/2006 Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. 0 Gas Mcf 39 Water Bbls. 93 Gas-Oil Ratio Gravity

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

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**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Schwatken 7-33  
Sec. 33 Twp. 31S Rng. 14E, Montgomery County  
**API:** 15-125-31025

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1365-1367, 1209-1210.5	Rowe, Weir - 4500# 20/40 sand, 314 bbls wtr, 350 gal 15% HCl acid	1209-1367
4	1167.5-1169, 1151.5-1154, 1107.5-1112, 1086.5-1088.5	Scammon A, Mineral, Croweburg, Bevier - 9900# 20/40 sand, 572 bbls wtr, 800 gal 15% HCl acid	1086.5-1169
4	1054.5-1060.5, 1033.5-1037.5	Mulky, Summit - 8500# 20/40 sand, 527 bbls wtr, 950 gal 15% HCl acid	1033.5-1060.5

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CONSOLIDATED OIL WELL SERVICES, INC.  
P.O. BOX 884, CHANUTE, KS 66720  
620-431-9210 OR 800-487-8678

NOV 29 2006

TICKET NUMBER 10481  
LOCATION Eureka  
FOREMAN Troy Strickler

CONSERVATION DIVISION  
TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
8-7-06	4758	Schwartz 7-33				MG	
CUSTOMER <u>Layne Energy</u>			Gus Jones	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>				446	Colin		KCC
CITY <u>Syramore</u>	STATE <u>Ks</u>	ZIP CODE		442	Jarid		NOV 28 2006
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JOB TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 1485 CASING SIZE & WEIGHT 4 1/2" 10.5"  
 CASING DEPTH 1477' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# SLURRY VOL \_\_\_\_\_ WATER gal/sk 8" CEMENT LEFT IN CASING 0'  
 DISPLACEMENT 23.5 Bbl DISPLACEMENT PSI 700 MIX PSI 1200 Gyp Plug RATE \_\_\_\_\_  
 REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break Circulation w/ 20 Bbl  
Water Pump 4sk Gel-Flush, 1sk Metasilicate pre-Flush 14 Bbl Oxy water  
Mixed 150sk Thick Set Cement w/ 10" Kal-Seal Plug @ 13.2# Pwfl.  
Wash out pump + liner Release Plug. Displace w/ 23.5 Bbl water. Final  
Pump Pressure 700 PSI Pump Plug to 1200 PSI wait 2 min. Released  
Pressure. Float Held. Good Cement to Surface + 9 Bbl to Pit.

Job Complete.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE 2nd of 2 wells.	3.15	0
1126A	150sk	Thick Set Cement	14.65	2197.50
1110A	1500 #	Kal-Seal 10" Plug	.36 #	540.00
1118A	200 #	Gel-Flush	.14 #	28.00
1111A	50 #	Metasilicate pre-Flush	1.65 #	82.50
5407A	8.25 Ton	Ton - Mileage Bulk Truck	1.05	346.50
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
		Thank You!		
		Sub Total		4034.50
		SALES TAX	5.32	153.06
		ESTIMATED TOTAL		4187.56

801930

AUTHORIZATION called by John Ed TITLE \_\_\_\_\_ DATE \_\_\_\_\_

## GEOLOGIC REPORT

LAYNE ENERGY  
Schwatken 7-33  
SW NE, 1734 FNL, 1960 FEL  
Section 33-T31S-R14E  
Montgomery County, KS

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NOV 28 2006  
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Spud Date:	8/1/2006
Drilling Completed:	8/3/2006
Logged:	8/4/2006
A.P.I. #:	1512531025
Ground Elevation:	860'
Depth Driller:	1485'
Depth Logger:	1486'
Surface Casing:	8.625 inches at 20'
Production Casing:	4.5 inches at 1477'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR, High Resolution Compensated Density/Neutron

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WICHITA, KS

### Formation

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

### Tops (in feet below ground level)

Surface (South Bend Limestone Member)  
911  
1,055  
1,107  
1,152  
1,413

11/28/08

*Layne Energy, Inc.*

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

November 28, 2006

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

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NOV 28 2006  
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KANSAS CORPORATION COMMISSION  
NOV 29 2006  
CONSERVATION DIVISION  
WICHITA, KS

Re: Well Completion Form

To Whom It May Concern:

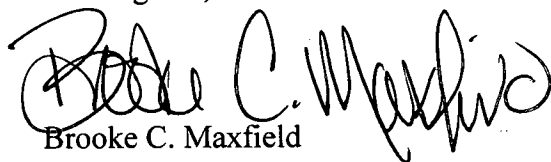
I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-125-31025  
Schwatken 7-33

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

