

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: 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     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>4/12/2006</u>	<u>4/14/2006</u>	<u>5/4/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31047-00-00  
County: Montgomery  
NE NE NW Sec. 25 Twp. 31 S. R. 16  East  West  
480 feet from S /  (circle one) Line of Section  
2014 feet from E /  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Holt Well #: 3-25  
Field Name: Neodesha  
Producing Formation: Cherokee Coals  
Elevation: Ground: 846 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1167 Plug Back Total Depth: 1158  
Amount of Surface Pipe Set and Cemented at 21 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1158  
feet depth to Surface w/ 140 sx cmt.

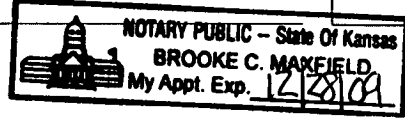
Drilling Fluid Management Plan Alt II NH 82708  
(Data must be collected from the Reserve Pit)  
Chloride content N/A ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used N/A - Air Drilled

Location of fluid disposal if hauled offsite: **RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
Operator Name: \_\_\_\_\_ **AUG 08 2006**  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ **CONSERVATION DIVISION**  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_ **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: 8/7/06  
Subscribed and sworn to before me this 7th day of August  
20 06  
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

Operator Name: Layne Energy Operating, LLC Lease Name: Holt Well #: 3-25  
 Sec. 25 Twp. 31 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>325</td> </tr> <tr> <td>Excello Shale</td> <td>667 GL</td> <td>179</td> </tr> <tr> <td>V Shale</td> <td>719 GL</td> <td>127</td> </tr> <tr> <td>Mineral Coal</td> <td>762 GL</td> <td>84</td> </tr> <tr> <td>Mississippian</td> <td>1069 GL</td> <td>-223</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	521 GL	325	Excello Shale	667 GL	179	V Shale	719 GL	127	Mineral Coal	762 GL	84	Mississippian	1069 GL	-223
Name	Top	Datum																	
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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	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	21'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1158'	Thick Set	140	

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>AUG 08 2006</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
	2 3/8"	1080			
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
6/2/2006		<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	0	21		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

KCC

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**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Holt 3-25  
Sec. 25 Twp. 31S Rng. 16E, Montgomery County  
**API:** 15-125-31047

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1055-1057.5	Riverton-1700# 20/40 sand, 250 gal 15% HCl acid, 224 bbls wtr	1055-1057.5

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CONSERVATION DIVISION  
WICHITA, KS

**GEOLOGIC REPORT**

KCC  
AUG 27 2006  
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LAYNE ENERGY  
Holt 3-25  
NE NW, 480 FNL, 2014 FWL  
Section 25-T31S-R16E  
Montgomery County, KS

Spud Date: 4/12/2006  
Drilling Completed: 4/14/2006  
Logged: 4/14/2006  
A.P.I. #: 1512531047  
Ground Elevation: 846'  
Depth Driller: 1167'  
Depth Logger: 1167'  
Surface Casing: 8.625 inches at 20'  
Production Casing: 4.5 inches at 1158'  
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  
667  
719  
762  
1,069

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CONSERVATION DIVISION  
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

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TICKET NUMBER 08669  
LOCATION EUREKA  
FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-17-06	4758	Holt 3-25				MG	
CUSTOMER <u>Layne Energy</u>		Gus James Rig 2		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>				445	Rick L.		
CITY <u>Sycamore</u>		STATE <u>Ks</u>	ZIP CODE	441	Rick P.		
				436	John		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1167' CASING SIZE & WEIGHT 4 1/2 10.5" New  
 CASING DEPTH 1158 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2\* SLURRY VOL 1158' WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 18.4 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 water spacer, 10 BBL Metasilicate Pre flush, 10 BBL Dye water. Mixed 140 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/ 18.4 BBL fresh water. Final Pumping Pressure 500 psi. Bump Plug to 1000 psi. wait 2 minutes, Release Pressure, Float Hold. 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	0	MILEAGE 2 <sup>nd</sup> well of 2	0	0
1126 A	140 SKS	Thick Set Cement	14.65	2051.00
1110 A	1400 *	Kol-Seal 10" per/sk	.36 *	504.00
1118 A	200 *	Gel Flush	.14 *	28.00
1111 A	50 *	Metasilicate Pre flush	1.65 *	82.50
5407 A	7.7 Tons	40 miles BULK TRUCK	1.05	323.40
5502 C	3 Hrs	80 BBL VAC TRUCK	90.00	270.00
1123	3000 gals	City water	12.80 <sup>Per 1000</sup>	38.40
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
RECEIVED KANSAS CORPORATION COMMISSION AUG 08 2006				
CONSERVATION DIVISION WICHITA, KS			Sub Total	4137.30
Thank You			SALES TAX	145.48
204600			ESTIMATED TOTAL	4282.78
5.3%				

AUTHORIZATION Called By John Ed

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

*Layne Energy, Inc.*

08/07/08

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

August 7, 2006

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AUG 07 2006  
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Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

RECEIVED  
KANSAS CORPORATION COMMISSION  
AUG 08 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 # 15-125-30979  
Raymond 5-11

API# 15-125-31047  
Holt 3-25

API# 15-205-26428  
Tucker AX&P 5-29

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

