

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  
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. \_\_\_\_\_

4/6/2006    4/10/2006    4/27/2006  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 125-30987-00-00  
County: Montgomery  
SW NE SW SE Sec. 14 Twp. 31 S. R. 14  East  West  
787 feet from  N (circle one) Line of Section  
1966 feet from  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Kimzey Well #: 15-14  
Field Name: Cherokee Basin Coal Area  
Producing Formation: Cherokee Coals  
Elevation: Ground: 905' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1481 Plug Back Total Depth: 1477  
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 1477  
feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan AHIN 48508  
(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: 7/13/06  
Subscribed and sworn to before me this 13 day of July  
De  
Notary Public: Brooke C. Maxfield  
Date Commission Expires: 12/28/09

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

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
RECEIVED  
KANSAS CORPORATION COMMISSION  
JUL 14 2006  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Kimzey Well #: 15-14  
 Sec. 14 Twp. 31 S. R. 14  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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

Name	Top	Datum
Pawnee Lime	899 GL	6
Excello Shale	1034 GL	-129
V Shale	1091 GL	-186
Mineral Coal	1135 GL	-230
Mississippian	1384 GL	-479

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	21	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1477	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 (Amount and Kind of Material Used)	Depth
	See Attached		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1372'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
5/30/2006		<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	72	43		

Disposition of Gas  Vented  Sold  Used on Lease  
 (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

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CONSERVATION DIVISION  
 WICHITA, KS

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<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Kimzey 15-14		
	Sec. 14 Twp. 31S Rng. 14E, Montgomery County		
<b>API:</b>	15-125-30987		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
4	1337-1339.5, 1181.5-1182.5, 1148.5-1151, 1134.5-1136.5	Rowe, Tebo, Scammon, Mineral-5400# 20/40 sand, 800 gal 15% HCl acid, 488 bbls wtr	1134.5-1339.5
4	1090.5-1095, 1071-1075, 1034-1040, 1016-1019.5	Croweburg, Bevier, Mulky, Summit-7300# 20/40 sand, 1800 gal 15% HCl acid, 602 bbls wtr	1016-1095
4	898-901, 895-896.5, 762.5-764.5	Mulberry, Laredo, Dawson-4700# 20/40 sand, 650 gal 15% HCl acid, 430 bbls	762.5-901

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**GEOLOGIC REPORT**

LAYNE ENERGY  
Kimzey 15-14  
SW SE, 787 FSL, 1966 FEL  
Section 14-T31S-R14E  
Montgomery County, KS

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CONSERVATION DIVISION  
TOPEKA, KS

Spud Date: 4/6/2006  
Drilling Completed: 4/10/2006  
Logged: 4/10/2006  
A.P.I. #: 1512530987  
Ground Elevation: 905'  
Depth Driller: 1481'  
Depth Logger: 1476'  
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

**Formation**

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

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

Surface (Stoner Limestone Member)  
899  
1,034  
1,091  
1,135  
1,384



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

JUL 14 2006

CONSERVATION DIVISION  
WICHITA, KS

TICKET NUMBER 08625  
LOCATION Eureka  
FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-11-06	4758	Kimzey 15-14				MG
CUSTOMER <u>Layne Energy</u>		KCC				
MAILING ADDRESS <u>P.O. Box 160</u>		JUL 13 2006				
CITY <u>Sycamore</u>	STATE <u>KS</u>	ZIP CODE <u>CONFIDENTIAL</u>	TRUCK # <u>463</u>	DRIVER <u>Alan</u>	TRUCK # <u>442</u>	DRIVER <u>Calm</u>
			<u>436</u>	<u>John</u>		

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JOB TYPE Logstring HOLE SIZE 6 3/4 HOLE DEPTH 1481' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1477' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# SLURRY VOL 47.58bbl WATER gal/sk 8° CEMENT LEFT in CASING 0'  
 DISPLACEMENT 23.58bbl DISPLACEMENT PSI 800 PSI 1200 Bump Alg. RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Wash down. 10' to T.O. 1477':  
Pump 20Bbl Gel Flush, 5Bbl spacer, 10Bbl Metasilicate Pre-Flush, + 14Bbl  
Dye water. Mixed 150sks ThickSet Cement w/ 10" Kol-Seal Alg  
@ 13.2# Ppgal. Wash out Pump + lines. Shut down. Release Plug. Displaced  
w/ 23.5Bbl Fresh Water. Final Pump Pressure 800 PSI. Bump Plug to  
1200 PSI. Wait 2mins. Release Pressure. Float Held. Good Cement Returns  
to Surface = 7Bbl Slurry to P.t.

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	3.15	126.00
1126A	150sks	ThickSet Cement	14.65	2197.50
1110A	1500 #	Kol-Seal 10" Alg	.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
5502C	4hrs	80Bbl Transport	90.00	360.00
1123	3000gal	City Water	12.80	38.40
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
		Thank You!		
			Sub Total	4558.90
			SALES TAX 5.3%	155.10
			ESTIMATED TOTAL	4714.00

AUTHORIZATION Called by John Ed

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

20XK101

7/13/08

*Layne Energy, Inc.*

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

July 13, 2006

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JUL 13 2006  
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Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

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KANSAS CORPORATION COMMISSION

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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 well:

API # 15-125-30998  
Crosslin 5-28

API # 15-205-26373  
Metzger 14-35

API # 15-125-30993  
Blair 8-15

API # 15-125-30961  
Tull 7-1

API # 15-125-30999  
Chism 7-28

API # 15-125-30987  
Kimzey 15-14

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

