

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: Thomton Air Rotary
License: 33606
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>4/4/2006</u>	<u>4/6/2006</u>	<u>4/24/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30998-60-06
County: Montgomery
W/2 SW NW Sec. 28 Twp. 31 S. R. 14 East West
1980 feet from S / (circle one) Line of Section
340 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Crosslin Well #: 5-28
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 850 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 AIR DRILL 85-08
(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: 7/13/06
Subscribed and sworn to before me this 13 day of July
2006
Notary Public: Brooke C. Maxfield
Date Commission Expires: 12/28/09

KCC Office Use ONLY

4 Letter of Confidentiality Attached **RECEIVED**
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

JUL 14 2006
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

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

Operator Name: Layne Energy Operating, LLC Lease Name: Crosslin Well #: 5-28
 Sec. 28 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	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>912 GL</td> <td>-62</td> </tr> <tr> <td>Excello Shale</td> <td>1042 GL</td> <td>-192</td> </tr> <tr> <td>V Shale</td> <td>1096 GL</td> <td>-246</td> </tr> <tr> <td>Mineral Coal</td> <td>1140 GL</td> <td>-290</td> </tr> <tr> <td>Mississippian</td> <td>1404 GL</td> <td>-554</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Pawnee Lime	912 GL	-62	Excello Shale	1042 GL	-192	V Shale	1096 GL	-246	Mineral Coal	1140 GL	-290	Mississippian	1404 GL	-554
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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	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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	1378'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
5/25/2006			<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	15	98			

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

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

Production Interval _____

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Crosslin 5-28		
	Sec. 28 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30998		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1358.5-1360, 1139.5-1141.5, 1096.5-1099.5, 1087.5-1089	Rowe, Mineral, Croweburg, Ironpost-5700# 20/40 sand, 800 gal 15% HCl acid, 512 bbls wtr	1087.5-1360
4	1041-1046.5, 1022.5-1025.5, 909-910.5	Mulky, Summit, Mulberry-4600# 20/40 sand, 1050 gal 15% HCl acid, 941 bbls wtr	909-1046.5

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CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Crosslin 5-28
SW NW, 1980 FNL, 340 FWL
Section 28-T31S-R14E
Montgomery County, KS

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WICHITA, KS

Spud Date: 4/5/2006
Drilling Completed: 4/6/2006
Logged: 4/5/2006
A.P.I. #: 15-125-30998
Ground Elevation: 850'
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	Tops (in feet below ground level)
Quaternary	Surface (Alluvium)
Pawnee Limestone	912
Excello Shale	1,042
"V" Shale	1,096
Mineral Coal	1,140
Mississippian	1,404

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MORNING COMPLETION REPORT

Report Called in by: : JES

Report taken by: KR D

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD	
CROSSLIN 5-28		G01012400200	4/4/2006	1	DEPTH	TYPE FLUID	
PRESENT OPERATION:		DRILL OUT FROM UNDER SURFACE				WT	VIS
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MOKAT			
OD SHOE DEPTH	8 5/8" 24# J-55 -- Set 20'	TEST PERFS		RIG NO BILLY			
PACKER OR ANCHOR	FISHING TOOLS OD ID	TO		SQUEEZED OR PLUG BACK PERFS			
		TO		TO			
		TO		TO			
		TO		TO			
		TO		TO			
HRS	BRIEF DESCRIPTION OF OPERATION						
	MIRU THORNTON DRILLING, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,						
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.						
DAILY COST ANALYSIS							

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280

MOKAT DRILLING @ 6.50/ft	
MOKAT (CEMENT)	80
DIRTWORKS (LOC,RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

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WICHITA, KS

DAILY TOTALS 2880 PREVIOUS TCTD 0 TCTD 2880

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

JUL 14 2006

TICKET NUMBER 08620

LOCATION Eureka

CONSERVATION DIVISION

FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY												
4-7-06	4758	Grosslin 5-28				MG												
CUSTOMER <u>Layne Energy</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>463</td> <td>Alan</td> <td></td> <td></td> </tr> <tr> <td>441</td> <td>John</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	463	Alan			441	John		
TRUCK #	DRIVER	TRUCK #					DRIVER											
463	Alan																	
441	John																	
MAILING ADDRESS <u>P.O. Box 160</u>																		
CITY <u>Sycamore</u>		STATE <u>Ks</u>	ZIP CODE															

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1481' CASING SIZE & WEIGHT 4 1/2" 10.5" Np
 CASING DEPTH 1477' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4# SLURRY VOL 4786l WATER gal/sk 8" CEMENT LEFT in CASING 0
 DISPLACEMENT 23.586l DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break Circulation w/ 3086l Fresh Water. Pump 1586l Gel Flush, 586l spacer, 1086l Metasilicate Pre-Flush, 1486l Dye water. Mixed 150sks ~~thick set~~ ThickSet Cement w/ 10" Perf. Kal-Seal @ 13.4" Annul. Wash out Pump + lines. Shut Down. Release Plug. Displace w/ 23586l water. Final Pump Pressure 1000PSI. Bump Plug to 1400PSI. Wait 2mins. Release Pressure. Float Held. Good Cement to Surface = 286l Slurry to pit.
Job Complete

Note: (Pressure Jumped from 600PSI to 1000PSI in last 286l of Displacement)

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#	Kal-Seal 10" Perf	.36#	540.00
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
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
<u>Thank you!</u>				
			Sub Total	4160.50
			SALES TAX	153.06
			ESTIMATED TOTAL	4313.56

AUTHORIZATION Called by John Ed. TITLE _____ DATE _____

204384

07/13/08

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

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KANSAS CORPORATION COMMISSION

JUL 14 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 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

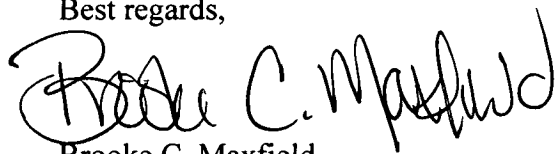
API # 15-125-30999
Chism 7-28

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

