

CONFIDENTIAL

ORIGINAL

1/14/11

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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: Timothy H. Wright
 Phone: (913) 748-3960
 Contractor: Name: MoKat
 License: 5831
 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>9/24/2008</u>	<u>10/10/2008</u>	<u>12/1/2008</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27665-00-00
 County: Wilson
SE SE SE Sec. 10 Twp. 30 S. R. 15 East West
434 feet from N (circle one) Line of Section
422 feet from W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Tucker Well #: 16-10
 Field Name: Cherokee Basin Coal Area
 Producing Formation: Cherokee Coals
 Elevation: Ground: 995' Kelly Bushing: _____
 Total Depth: 1389' Plug Back Total Depth: 1351'
 Amount of Surface Pipe Set and Cemented at 42 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1351
 feet depth to Surface w/ 140 sx cmt.

Drilling Fluid Management Plan At 11/10/4-13-09
 (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: [Signature]
 Title: Agent Date: 1-14-2009
 Subscribed and sworn to before me this 14 day of January,
 2009.
 Notary Public: MacLaughlin Darling
 Date Commission Expires: 1-4-2013

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
 KANSAS CORPORATION COMMISSION
JAN 15 2009

MacLAUGHLIN DARLING
 Notary Public - State of Kansas
 My Appt. Expires 1-4-2013

CONSERVATION DIVISION
 WICHITA, KS

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Side Two

Operator Name: Layne Energy Operating, LLC Lease Name: Tucker Well #: 16-10
 Sec. 10 Twp. 30 S. R. 15 East West County: Wilson

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p> <p>Compensated Density Neutron Dual Induction</p>	<p><input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <table border="0" style="width: 100%;"> <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>826 GL</td> <td>169</td> </tr> <tr> <td>Excello Shale</td> <td>927 GL</td> <td>68</td> </tr> <tr> <td>V-Shale</td> <td>1000 GL</td> <td>-5</td> </tr> <tr> <td>Mineral Coal</td> <td>1040 GL</td> <td>-45</td> </tr> <tr> <td>Mississippian</td> <td>1273 GL</td> <td>-278</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	826 GL	169	Excello Shale	927 GL	68	V-Shale	1000 GL	-5	Mineral Coal	1040 GL	-45	Mississippian	1273 GL	-278
Name	Top	Datum																	
Pawnee Lime	826 GL	169																	
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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	# Sacjs Used	Type and Percent Additives
Surface	11"	8.625"	24	42'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1351'	Thick Set	140	50/50 posmix w/2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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 Page		

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TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	1291'			
Date of First, Resumerd Production, SWD or Enh.		Producing Method			
12/5/2008		<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	40	0		

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) _____	_____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Tucker 16-10		
	Sec. 10 Twp. 30S Rng. 15E, Wilson County		
API:	15-205-27665-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (November 2008)			
4	Neutral 1246' - 1247' Rowe 1236.5' - 1239'	5500 lbs 20/40 sand 394 bbls water 680 gals 15% HCl acid	1236.5' - 1247'
4	Bluejacket 1186.5' - 1188.5' Weir 1150' - 1151.5'	4800 lbs 20/40 sand 310 bbls water 400 gals 15% HCl acid	1150' - 1188.5'
4	Mineral 1039.5' - 1041' Croweburg 1000.5' - 1003.5' Bevier 979.5' - 981.5'	8200 lbs 20/40 sand 638 bbls water 920 gals 15% HCl acid	979.5' - 1041'
4	Mulky 928' - 931.5'	4500 lbs 20/40 sand 248 bbls water 300 gals 15% HCl acid	928' - 931.5'
4	Mulberry 820' - 821.5'	3000 lbs 20/40 sand 203 bbls water 300 gals 15% HCl acid	820' - 821.5'

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GEOLOGIC REPORT

LAYNE ENERGY
Tucker 16-10
SE SE, 434 FSL, 422 FEL
Section 10-T30S-R15E
Wilson County, KS

Spud Date: 9/24/2008
Drilling Completed: 10/10/2008
Logged: 10/10/2008
A.P.I. #: 15205276650000
Ground Elevation: 995'
Depth Driller: 1389'
Depth Logger: 1389'
Surface Casing: 8.625 inches at 42'
Production Casing: 4.5 inches at 1351'
Cemented Job: 0
Open Hole Logs: High Resolution Compensated Density Sidewall
Neutron Log; Dual Induction LL3/GR Log

Formation	Tops	
	(below ground)	(subsea)
	Surface (Stanton	
Lansing Group	Limestone)	995
Pawnee Limestone	826	169
Excello Shale	927	68
"V" Shale	1,000	-5
Mineral Coal	1,040	-45
Mississippian	1,273	-278

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Daily Well Work Report

TUCKER 16-10
9/24/2008

Well Location:
WILSON KS
30S-15E-10 SE SE SE
434FSL / 422FEL

Cost Center C01029800100
Lease Number C010298
Property Code KSCV30S15E1016
API Number 15-205-27665

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnetiD
9/24/2008	10/10/2008		12/5/2008	12/5/2008	TUCKER_16_10

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1389	1351	42	1351		

Reported By KRD	Rig Number	Date 9/24/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor MOKAT

Narrative

MIRU MOKAT DRILLING, DRILLED 11" HOLE, 42' DEEP, RIH W/2 JT 8 5/8" SURFACE CASING, MIXED 8 SX TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.
DWC:\$3160

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CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 19549
LOCATION EUREKA
FOREMAN KEVIN MCCOY

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
10-13-08	4758	Tucker 16-10				WILSON																
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>445</td> <td>Justin</td> <td></td> <td></td> </tr> <tr> <td>439</td> <td>CALIN</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	445	Justin			439	CALIN						
TRUCK #	DRIVER	TRUCK #					DRIVER															
445	Justin																					
439	CALIN																					
MAILING ADDRESS <u>P.O. Box 160</u>																						
CITY <u>SYCAMORE</u>																						
STATE <u>Ks</u>		ZIP CODE																				

Gus Jones
Rig 1

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1389' CASING SIZE & WEIGHT 4 1/2 10.5*new
 CASING DEPTH 1350 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4 * SLURRY VOL 44 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 21.5 BBL DISPLACEMENT PSI 600 MAX PSI 1200 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 50 BBL fresh water. Pump 10 SKS Gel Flush w/ HULLS, 2 BBL water spacer. Mixed 140 SKS Thick Set Cement w/ 8* KOL-SEAL/sk, 1/2% CFL-110, 1/4% CAF-38 @ 13.4*/gal yield 1.75. wash out Pump & Lines. Shut down. Release Plug. Displace w/ 21.5 BBL fresh water. Final Pumping Pressure 600 psi. Bump Plug to 1200 psi. wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 9 BBL Slurry to Pit. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	40	MILEAGE	3.65	146.00
1126 A	140 SKS	THICK SET Cement	17.00	2380.00
1110 A	1120 *	KOL-SEAL 8 *	.42 *	470.40
1135	65 *	CFL-110 1/2%	7.50 *	487.50
1146	32 *	CAF-38 1/4%	7.70 *	246.40
1118 A	500 *	Gel Flush	.17 *	85.00
1105	50 *	HULLS	.39 *	19.50
5407 A	7.7 TONS	40 miles BULK TRUCK	1.20	369.60
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
			Sub Total	5144.40
			SALES TAX	235.34
			ESTIMATED TOTAL	5409.74

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THANK YOU
006601

Revin 3737

AUTHORIZATION witnessed By Jacob

TITLE Layne Co. Rep.

DATE _____