

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: Victor H. Dyal
Phone: (913) 748-3960
Contractor Name: MOKAT Drilling
License: 5831
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: Layne Energy Operating, LLC
Well Name: Badgley 16-16
Original Comp. Date: 2/10/2005 Original Total Depth: 1173'
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
 Plug Back 1165' (2/10/2005) Plug Back Total Depth
 Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____

<u>6/21/2006</u>	<u>6/23/2006</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 205-25778-00-02
County: Wilson
____ SE SE Sec. 16 Twp. 30 S. R. 17 East West
676 feet from N (circle one) Line of Section
597 feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Badgley Well #: 16-16
Field Name: Neodesha

Producing Formation: Cherokee Coals
Elevation: Ground: 923' Kelly Bushing: _____
Total Depth: 1173' Plug Back Total Depth: 960'
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 116
feet depth to Surface w/ 130 W.Dlg - 4/13/10 sx cmt

Drilling Fluid Management Plan
(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.

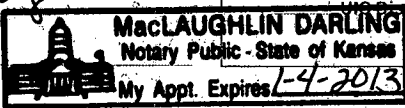
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: Manager of Engineering Date: 4/12/2010
Subscribed and sworn to before me this 12 day of April
20 10
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2013

KCC Office Use ONLY

Letter of Confidentiality Attached **RECEIVED**
If Denied, Yes Date: **KANSAS CORPORATION COMMISSION**
 Wireline Log Received **APR 13 2010**
 Geologist Report Received

CONSERVATION DIVISION WICHITA, KS



Operator Name: Layne Energy Operating, LLC Lease Name: Badgley Well #: 16-16
 Sec. 16 Twp. 30 S. R. 17 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.

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>545 GL</td> <td>378</td> </tr> <tr> <td>Excello Shale</td> <td>667 GL</td> <td>256</td> </tr> <tr> <td>V Shale</td> <td>734 GL</td> <td>189</td> </tr> <tr> <td>Mineral Coal</td> <td>770GL</td> <td>153</td> </tr> <tr> <td>Mississippian</td> <td>1072 GL</td> <td>-149</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	545 GL	378	Excello Shale	667 GL	256	V Shale	734 GL	189	Mineral Coal	770GL	153	Mississippian	1072 GL	-149
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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"	8.625"	24	20'	Class A	4	Type 1 cement
Production	6.75"	4.5"	10.5	1169'	Thick Set	130	

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 Page		
	10/28/2005 CIBP 960'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2.875"	939'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
6/23/2006			<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	7	2			

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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KANSAS CORPORATION COMMISSION
 APR 13 2010
 CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Layne Energy Operating, LLC. #33365
 Lease Name: BADGLEY 16-16
 Lease Location: SE SE 16 - 30S - 17E WILSON, KS
 API: 15-205-25778-00-02



Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (June 2004)			
4	Mineral 769.5' - 772' Tebo 839' - 840' Bluejacket 905' - 907' Riverton 1062' - 1063.5'	3779 Sand (20/40) (lbs) 1225 HCl (15%) (gal) 442 Water (bbls)	769.5' - 1063.5'
4	Summit 650' - 653' Mulky Coal 667' - 673' Iron Post 711' - 712' Croweburg 735' - 737'	577 Water (bbls) 2100 HCl (15%) (gal) 4673 Sand (20/40) (lbs)	650' - 737'
Second Recompletion Perforations (June 2006)			
4	Tebo 839' - 840' Bluejacket 905' - 907'	546 Water (bbls) 7500 Sand (20/40) (lbs) 500 HCl (15%) (gal)	839' - 907'
4	Summit 650' - 653' Mulky Coal 667' - 673' Iron Post 711' - 712' Croweburg 734' - 735' Mineral 769.5' - 772'	28900 Sand (20/40) (lbs) 1656 Water (bbls) 1500 HCl (15%) (gal)	650' - 772'

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APR 13 2010

CONSERVATION DIVISION
 WICHITA, KS

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3950

April 9, 2010

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

Re: Well Completion Form

Dear Mr. Bond:

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

API # 15-205-25778-00¹02
Badgley 16-16

If you need additional information, please contact me at (913) 748-3960.

Sincerely,



MacLaughlin Darling
Production Analyst

Enclosures

cc: Well File
Field Office



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WICHITA, KS