

KANSAS CORPORATION COMMISSION
 OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
 WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
 September 1999
 Form Must Be Typed

ORIGINAL
AMENDED

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: 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>6/14/2005</u>	<u>6/16/2005</u>	<u>7/21/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30767-00-00
 County: Montgomery
NW NW Sec. 13 Twp. 31 S. R. 14 East West
705 feet from S / (circle one) Line of Section
761 feet from E / (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Oliver Well #: 4-13
 Field Name: Elk City NE
 Producing Formation: Cherokee Coals
 Elevation: Ground: 925 Kelly Bushing: _____
 Total Depth: 1500 Plug Back Total Depth: 1487
 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 1498'
 feet depth to Surface w/ 150 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.: _____

Dig. 7/20/08

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: 9/26/2005
 Subscribed and sworn to before me this 27th day of September
 20 05
 Notary Public: _____
 Date Commission Expires: 10/14/2008

KCC Office Use ONLY

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

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 KANSAS CORPORATION COMMISSION

MARGARET ALLEN
 Notary Public - State of Kansas
 My Appt. Expires _____

JUN 10 2008
 CONSERVATION DIVISION
 WICHITA, KS

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Operator Name: Layne Energy Operating, LLC Lease Name: Oliver Well #: 4-13
 Sec. 13 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 <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>909 GL</td> <td>16</td> </tr> <tr> <td>Excello Shale</td> <td>1046 GL</td> <td>-121</td> </tr> <tr> <td>V Shale</td> <td>1106 GL</td> <td>-181</td> </tr> <tr> <td>Mineral Coal</td> <td>1154 GL</td> <td>-229</td> </tr> <tr> <td>Mississippian</td> <td>1400 GL</td> <td>-475</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	909 GL	16	Excello Shale	1046 GL	-121	V Shale	1106 GL	-181	Mineral Coal	1154 GL	-229	Mississippian	1400 GL	-475
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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	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1498'	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		

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TUBING RECORD	Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS
	2-3/8"	1370.7'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed, Production, SWD or Entr.			Producing Method		
9/16/2005			<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	30	105		

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Submit ACO-18.) Other (Specify) _____

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Oliver 4-13		
	Sec. 13 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30767-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1352-1353.5, 1274-1275, 1222-1224.5, 1207-1212.5	Rowe, Bluejacket, Weir, Tebo - 2,000 15% HCL Acid, 450 bbls Water, 4,800 # 20/40 Sand	1207-1353.5
4	1168.5-1169.5, 1153.5-1155, 1106.5-1109, 1087-1088	Scammon A, Mineral, Croweburg, Bevier - 1,200 15% HCL Acid, 400 bbls Water, 4700 # 20/40 Sand	1087-1169.5
4	1046-1051.5, 1028-1031, 906.5-907.5	Mulky, Summit, Mulberry - 800 gal 15% HCL Acid, 411 bbls Water, 4500 # 20/40 Sand	906.5-1051.5

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