

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

KCC

SEP 28 2005

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

ORIGINAL

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: McPherson Drilling
 License: 5675
 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

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KANSAS CORPORATION COMMISSION**

SEP 28 2005

**CONSERVATION DIVISION
WICHITA, KS**

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.: _____

*ACT II WITH
9-27-07*

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

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

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

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Side Two

KCC

ORIGINAL

SEP 28 2005

Operator Name: Layne Energy Operating, LLC

Lease Name: Oliver

Well #: 4-13

Sec. 13 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 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

Log Formation (Top), Depth and Datum Sample

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

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	RECEIVED KANSAS CORPORATION COMMISSION SEP 28 2005 CONSERVATION DIVISION WICHITA, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1370.7'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			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 (If vented, Submit ACO-18.)

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

Production Interval _____

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ORIGINAL

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Oliver 4-13		
	Sec. 13 Twp. 31S Rng. 14E, Montgomery County		
API:	15-125-30767		
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, Croweberg, Bevier - 1,200 15% HCL Acid, 400 bbls Water, 4700 # 20/40 Sand	1087-1169.5
4	1046-1051.5, 10218-1031, 906.5-907.5	Mulkey, Summit, Mulberry - 800 gal 15% HCL Acid, 411 bbls Water, 4500 # 20/40 Sand	906.5-1051.5

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WICHITA, KS

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GEOLOGIC REPORT

ORIGINAL

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SEP 26 2005

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LAYNE ENERGY

Oliver 4-13

NW ¼ , NW ¼, 705' FNL, 761' FWL

Section 13-T31S-R14E

MONTGOMERY COUNTY, KANSAS

Drilled: June 14-16, 2005

Logged: June 16, 2005

A.P.I.# 15-125-30767

Ground Elevation: 925'

Depth Driller: 1,500'

Depth Logger: 1,500'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,498'

Cemented Job: Consolidated

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

FORMATION.....TOPS (in feet below ground surface)

Lansing GroupSurface (Stoner Limestone Member)

Lenapah Lime726

Altamont Lime.....772

Mulberry Coal.....906

Pawnee Lime909

Anna Shale.....938

First Oswego Lime998

Little Osage Shale.....1,028

Excello Shale1,046

Mulky Coal1,051

Bevier Coal1,087

"V" Shale1,106

Croweburg Coal.....1,109

Mineral Coal1,154

Scammon Coal.....1,169

Tebo Coal1,211

Weir Pitt Coal1,222

Bluejacket Coal.....1,254

Rowe Coal1,274

AW Coal1,352

Riverton Coal.....1,393

Mississippian1,400

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CONSERVATION DIVISION
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

KCC

TICKET NUMBER 5401

LOCATION EUREKA

FOREMAN Kevin McCoy

SEP 26 2005

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TREATMENT REPORT & FIELD TICKET
 CONFIDENTIAL
 CEMENT

ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
6-17-05	4758	Oliver 4-13				MG	
CUSTOMER <u>Layne Energy</u>			Gus Jones	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>				445	RICK		
CITY <u>Sycamore</u>	STATE <u>KS</u>	ZIP CODE		442	Anthony		
				436	JASON		

JOB TYPE Longstem HOLE SIZE 6 3/4 HOLE DEPTH 1500' CASING SIZE & WEIGHT 4 1/2 10.5# new
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2# SLURRY VOL 47.66L WATER gal/sk 8.0 CEMENT LEFT in CASING 11'
 DISPLACEMENT 23.6 BBL DISPLACEMENT PSI 600 MAX PSI 1100 Bump Plugrate

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 30 BBL Fresh water. Pump 10 BBL Metasilicate Pre Flush, 15 BBL Dye water. Mixed 150 sks Thick Set Cement w/ 10# Kol-Seal Per/sk @ 13.2# per/gal, yield 1.75. Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 23.6 BBL Fresh water. Final Pumping Pressure 600 PSI. Bump Plug to 1100 PSI. WAIT 2 minutes Release Pressure. Float Held. Good Cement Returns to SURFACE. 80 BBL Slurry. Job Complete. Rig down.

KANSAS CORPORATION COMMISSION

SEP 20 2005

CONSERVATION DIVISION

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	WICHITA, KS UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	765.00	765.00
5406	0	MILEAGE 2nd well of 4		0
1126 A	150 sks	Thick Set Cement	13.00	1950.00
1110 A	30 sks	Kol-Seal 10# per/sk	16.90	507.00
1111 A	50 #	Metasilicate Pre Flush	1.55 #	77.50
5407 A	8.25 TONS	25 miles Bulk Truck	.92	189.75
5502 C	3 HRS	80 BBL VAC TRUCK	82.00	246.00
5605 A	4 HRS	WELDER	75.00	300.00
4310	1	4 1/2 LANDING SUB	125.00	125.00
41404	1	4 1/2 Top Rubber Plug	38.00	38.00
Sub total				4198.25
THANK YOU			5.3%	
SALES TAX				142.97
ESTIMATED TOTAL				4341.22

197809

AUTHORIZATION Called By John Ed

TITLE _____

DATE _____