

CONFIDENTIAL

ORIGINAL 1/30/11

**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

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: Thornton Air Rotary
 License: 33606
 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: _____
 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. _____

10/28/2008	10/30/2008	12/3/2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 02 2009
CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL
JAN 30 2009
KCC

API No. 15 - 205-27666-00-00
 County: Wilson
 _____ NW NE SW Sec. 14 Twp. 30 S. R. 15 East West
2129 feet from N (circle one) Line of Section
1769 feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 _____ (circle one) NE SE NW SW
 Lease Name: Tucker Well #: 11-14
 Field Name: Cherokee Basin Coal Area
 Producing Formation: Cherokee Coals
 Elevation: Ground: 818' Kelly Bushing: _____
 Total Depth: 1170' Plug Back Total Depth: 1133'
 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 1133
 feet depth to Surface w/ 125 ^{sx cmt.}
AH2-Dlg - 4/11/09

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: Project Engineer Date: 1/30/2009
 Subscribed and sworn to before me this 30 day of January
20 09.
 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

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

Operator Name: Layne Energy Operating, LLC Lease Name: Tucker Well #: 11-14
 Sec. 14 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.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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>629 GL</td> <td>189</td> </tr> <tr> <td>Excello Shale</td> <td>728 GL</td> <td>90</td> </tr> <tr> <td>V-Shale</td> <td>809 GL</td> <td>9</td> </tr> <tr> <td>Mississippian</td> <td>1119 GL</td> <td>-301</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	629 GL	189	Excello Shale	728 GL	90	V-Shale	809 GL	9	Mississippian	1119 GL	-301
Name	Top	Datum														
Pawnee Lime	629 GL	189														
Excello Shale	728 GL	90														
V-Shale	809 GL	9														
Mississippian	1119 GL	-301														

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	42'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1133'	Thick Set	125	50/50 posmix w/2% gel

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	RECEIVED KANSAS CORPORATION COMMISSION FEB 02 2009 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	1051'		
Date of First, Resumerd Production, SWD or Enhr. 12/6/2008		Producing Method <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	9	0	

Disposition of Gas METHOD OF COMPLETION Production Interval

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:	Tucker 11-14		
	Sec. 14 Twp. 30S Rng. 15E, Wilson County		
API:	15-205-27666-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (December 2008)			
4	Bluejacket 995' - 996.5'	2400 lbs 20/40 sand 262 bbls water 600 gals 15% HCl acid	995' - 996.5'
4	Weir 959.5' - 961'	2500 lbs 20/40 sand 376 bbls water 600 gals 15% HCl acid	959.5' - 961'
4	Croweburg 798.5' - 801.5' Bevier 777.5' - 779'	5500 lbs 20/40 sand 414 bbls water 520 gals 15% HCl acid	777.5' - 801.5'
4	Mulky 728.5' - 732.5'	6000 lbs 20/40 sand 279 bbls water 300 gals 15% HCl acid	728.5' - 732.5'

KCC
JAN 30 2009
CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 02 2009

CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Tucker 11-14
NE SW, 2,129 FSL, 1,769 FWL
Section 14-T30S-R15E
Wilson County, KS

Spud Date: 10/28/2008
Drilling Completed: 10/30/2008
Logged: 10/30/2008
A.P.I. #: 15205276660000
Ground Elevation: 818
Depth Driller: 1170
Depth Logger: 1168
Surface Casing: 8.625 inches at 42'
Production Casing: 4.5 inches at 1,133'
Cemented Job:
Open Hole Logs: High Resolution Compensated Density Sidewall
Neutron Log; Dual Induction LL3/GR Log

Formation	Tops	
	(below ground)	(subsea)
Quaternary	Surface (Alluvium)	818
Pawnee Limestone	629	189
Excello Shale	728	90
"V" Shale	809	9
Mineral Coal		
Mississippian	1,119	-301

KCC
JAN 31 2009
CORPORATION

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 02 2009

CONSERVATION DIVISION
WICHITA, KS

Daily Well Work Report

TUCKER 11-14
10/30/2008

Well Location:
WILSON KS
30S-15E-14 NW NE SW
2129FSL / 1769FWL

Cost Center C01030000100
Lease Number C010300
Property Code KSCV30S15E1411
API Number 15-205-27666

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
10/28/2008	10/30/2008	12/3/2008	12/6/2008	12/5/2008	TUCKER_11_14
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1170	1133	42	1133	0	0

Reported By KRD	Rig Number	Date 10/28/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor THORNTON ROTARY

Narrative

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

KCC
JAN 30 2009
~~CONFIDENTIAL~~
RECEIVED
KANSAS CORPORATION COMMISSION
FEB 02 2009
CONSERVATION DIVISION
WICHITA, KS



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

ENTERED

TICKET NUMBER 20310
LOCATION Eureka
FOREMAN Rex Ledford

**FIELD TICKET & TREATMENT REPORT
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-31-08	4758	Tucker 11-14				Wilson
CUSTOMER Layne Energy			665 Jones			
MAILING ADDRESS P.O. Box 100			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Sycamore			463	Shannon		
STATE KS			441	Jarrod		
ZIP CODE						

JOB TYPE Logging HOLE SIZE 6 7/8" HOLE DEPTH 1120' CASING SIZE & WEIGHT 4 1/2" 10.5"
 CASING DEPTH 1183' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4" SLURRY VOL 38 bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 18 bbl DISPLACEMENT PSI 500 PSI 900 RATE 4.5 bpm while displacing

REMARKS: Safety meeting- Rig up to 4 1/2" casing. Break circulation w/ 45 bbl fresh water. Pump 10 sacks gel-flush w/ hulls, 2 bbl water spacer, 125 sacks thickset cement w/ 8" Kel-seal #10, 1/2" phenoxol, 1/2" FE-110 + 1/2" CAZ-38 @ 13.4" yield 1.25. Washout pump + lines, shut down, release plug. Displace w/ 18 bbl fresh water. Final pump pressure 500 psig. Pump plug to 900 psig, wait 2 minutes, release pressure, float held. Good cement returns to surface - 9 bbl slurry to pit. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5466	1	MILEAGE 2nd well of 2	n/c	n/c
		KCC JAN 31 2009		
1126A	125 SCS	thickset cement	17.00	2125.00
1110A	1000"	8" Kel-seal #10	.42	400.00
1102A	15"	1/2" phenoxol #10	1.15	17.25
1125	62"	1/2" FE-110	7.50	465.00
1146	31"	1/2" CAZ-38	7.70	238.70
		RECEIVED KANSAS CORPORATION COMMISSION FEB 02 2009		
1118A	500"	gel-flush	.17	85.00
1105	50"	hulls	.39	19.50
5477A	6.00	ten-mileage truck fee	1.80	336.24
4404	1	4 1/2" top rubber plug	45.00	45.00
		CONSERVATION DIVISION WICHITA, KS		
		6.3%		
		SUBTOTAL		4670.69
		SALES TAX ESTIMATED		215.80
		TOTAL		4886.49

Rev'n 3737

AUTHORIZATION Sandy McArthur TITLE 02/10/09 DATE _____