

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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KANSAS CORPORATION COMMISSION

Form ACO-1
September 1999
Form Must Be Typed

APR 01 2009

3/31/09

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE
CONSERVATION DIVISION
WICHITA, KS

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. _____

<u>12/19/2008</u>	<u>12/29/2008</u>	<u>2/12/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27740-00-00
County: Wilson
W2 NE NW Sec. 14 Twp. 30 S. R. 15 East West
693 feet from S / (circle one) Line of Section
1697 feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Tucker Well #: 3-14
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 812' Kelly Bushing: _____
Total Depth: 1186' Plug Back Total Depth: 1159'
Amount of Surface Pipe Set and Cemented at 40 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1159
feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan MS 48209
(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.: _____

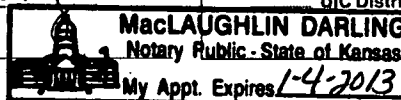
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: 3/31/09
Subscribed and sworn to before me this 31 day of March
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



Operator Name: Layne Energy Operating, LLC Lease Name: Tucker Well #: 3-14
 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 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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	626 GL	186
Excello Shale	726 GL	86
V-Shale	798 GL	14
Mineral Coal	837 GL	-25
Mississippian	1096 GL	-284

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	40'	Class A	8	Type 1 cement
Casing	6.75"	4.5"	10.5	1159'	Thick Set	120	8 lbs KOL seal

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 APR 01 2009 CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	993'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
2/18/2009			<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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	0	25	0		

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 _____

Operator Name: Layne Energy Operating, LLC. #33365

Lease Name: TUCKER 3-14

Lease Location: W2 NE NW 14 - 30S - 15E WILSON, KS

API: 15-205-27740-00-00



Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
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Initial Perforations (December 2008)

4	Bluejacket 942.5' - 944'	295 Water (bbls) 225 HCl (15%) (gal) 2500 Sand (20/40) (lbs)	942.5' - 944'
4	Mineral 836.5' - 838'	2400 Sand (20/40) (lbs) 167 Water (bbls) 100 HCl (15%) (gal)	836.5' - 838'
4	Croweburg 798' - 801' Bevier 777.5' - 779'	415 HCl (15%) (gal) 494 Water (bbls) 6000 Sand (20/40) (lbs)	777.5' - 801'
4	Mulky Coal 727' - 730.5' Summit 711' - 712'	7700 Sand (20/40) (lbs) 495 Water (bbls) 425 HCl (15%) (gal)	711' - 730.5'
4	Mulberry 620' - 621.5'	200 HCl (15%) (gal) 2000 Sand (20/40) (lbs) 214 Water (bbls)	620' - 621.5'

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CONSERVATION DIVISION
WICHITA, KS

Layne Energy, Inc.

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

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CONSERVATION DIVISION
WICHITA, KS

March 31, 2009

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 # 15-205-27740-00-00
Tucker 3-14

We respectfully request that all information submitted be kept confidential. Per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

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

Sincerely,

MacLaughlin Darling

MacLaughlin Darling
Engineering Technician

Enclosures



Daily Well Work Report

TUCKER 3-14
12/29/2008

Well Location:
WILSON KS
30S-15E-14 W2 NE NW
693FNL / 1697FWL

Cost Center C01030000200
Lease Number C010300
Property Code KSCV30S15E1403
API Number 15-205-27740

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnnetID
12/19/2008	12/29/2008	2/12/2009	2/18/2009	2/17/2009	TUCKER_3_14

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1186	1159	40	1159	0	0

Reported By KRD	Rig Number	Date 12/19/2008
Taken By KRD		Down Time
Present Operation DRILL OUT SURFACE		Contractor THORNTON ROTARY

Narrative

MIRU THORNTON DRILLING, DRILLED 11" HOLE, 40' 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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CONSERVATION DIVISION
WICHITA, KS



CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 20703

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	
12-30-08	4758	Tucker 3-14				WAGON	
CUSTOMER							
Layne Energy			Gus Jones R91				
MAILING ADDRESS							
P.O. Box 160							
CITY		STATE	ZIP CODE				
Sycamore		KS					
		TRUCK #		DRIVER			
		445		Justin			
		439		CALIN			

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1186' CASING SIZE & WEIGHT 4 1/2 10.5" N80
 CASING DEPTH 1158' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4 # SLURRY VOL 38 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 18.5 BBL DISPLACEMENT PSI 500 MMK PSI 1000 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break circulation w/ 50 BBL fresh water. Pump 10 SKS Gal flush w/ Halls 2 BBL water spacer. Mixed 120 SKS Thick Set Cement w/ 8" Kol-Seal 1sk, 1/8" PhenoSeal, 1/2% CFL-110, 1/4% CAF-38 @ 13.4 #/gal, yield 1.75, mixed out Pump & Lines. Shut down. Release Plug. Displace w/ 18.5 BBL fresh water. Final Pumping Pressure 500 PSI. Bump Plug to 1000 PSI. wait 2 minutes. Release Pressure. Shut well. Good Cement Returns to Surface = 9 BBL Slurry (29 SKS) 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	120 SKS	THICK Set Cement	17.00	2040.00
1110 A	960 #	Kol-Seal 8" /sk	.42 #	403.20
1107 A	15 #	PhenoSeal 1/8" /sk	1.15 #	17.25
1135	56 #	CFL-110 1/2 %	7.50 #	420.00
1146	28 #	CAF-38 1/4 %	7.70	215.60
1118 A	500 #	Gal Flush	.17 #	85.00
1105	50 #	Halls	.39 #	19.50
5407 A	6.6 TONS	40 miles BULK TRUCK	1.20	792.00
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
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CONSERVATION DIVISION WICHITA KS				
			Sub TOTAL	4632.35
			SALES TAX	294.18
			ESTIMATED TOTAL	4926.53

Ravin 3737

THANK YOU

228180

AUTHORIZATION Called By Jacob

TITLE Layne Co. Rep.

DATE _____

GEOLOGIC REPORT

LAYNE ENERGY
Tucker 3-14
W2 NE NW, 693 FNL, 1697 FWL
Section 14-T30S-R15E
Wilson County, KS

Spud Date: 12/19/2008
Drilling Completed: 1/0/1900
Logged: 12/29/2008
A.P.I. #: 15205277400000
Ground Elevation: 812'
Depth Driller: 1186'
Depth Logger: 1186'
Surface Casing: 8.625 inches at 40'
Production Casing: 4.5 inches at 1159'
Cemented Job: Consolidated
Open Hole Logs: Dual Induction SFL/GR, Litho Density /
Neutron Logs

Formation	Tops	
	(below ground)	(subsea)
	Surface	
Alluvium	(Quaternary)	812
Pawnee Limestone	626	186
Excello Shale	726	86
"V" Shale	798	14
Mineral Coal	837	-25
Mississippian	1,096	-284

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