CONFIDENTIAL

Kansas Corporation Commission RIGINAL Oil & Gas Conservation Division

Form ACO-1 September 1999 rm Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

7/21/10

Operator: License # 33365	API No. 15 - 125-31576-00-00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	SWSESec29Twp31S. R17
City/State/Zip: Mission Woods, KS 66205	394 feet from S/ N (circle one) Line of Section
Purchaser:	2310 feet from (E) W (circle one) Line of Section
Operator Contact Person: Timothy H. Wright	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3960	(circle one) NE SE NW SW
Contractor: Name: Thornton Air Rotary	Lease Name: Stice Well #: 15-29
License: 33606	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 823' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 998' Plug Back Total Depth: 997'
•	Amount of Surface Pipe Set and Cemented at 21 Feet
Oil SWD SIOW Temp. Abd SIGW	
	Multiple Stage Cementing Collar Used? ☐Yes ✓No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows: FIDENTIAL	If Alternate II completion, cement circulated from 997
Operator:	feet depth to Surface w/ 150 sx cmt.
vveii ivaille.	Drilling Fluid Management Plan AH II NH 9-3-08
Original Comp. Date: Original Total Depth.	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content_N/A ppm Fluid volumebbls
Plug BackPlug Back Total Depth_	Dewatering method used N/A - Air Drilled
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
4/17/2008 4/18/2008 5/15/2008	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-13) and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	alate the oil and gas industry have been fully complied with and the statements
1	
Signature	KCC Office Use ONLY
Title: Agent Date: 7-21-08	Letter of Confidentiality Attached
	If Denied, Yes Date: RECEIVED
Subscribed and sworn to before me this Hay of Guly	Wireline Log Received KANSAS CORPORATION COMMISSION
20.08	
Notary Public: MacLaue Mlin Garlens A.	MacLAUGHLIN DARLING ologist Report Received JUL 2 2 2008 Notary Public - State of Kansas Distribution
	My Appt. Expires 1-4-2009 CONSERVATION DIVISION

Operator Name: Lay	ne Energy Oper	ating, LLC	Lease	Name:	Stice		Well #: _15	-29	
Sec. 29 Twp. 3	i i		County	y: Monte	gomery				
tested, time tool ope temperature, fluid re-	n and closed, flowin covery, and flow rate	and base of formations p g and shut-in pressures, es if gas to surface test, a final geological well site	whether sl along with f	hut-in pre	ssure reached	static level, hydro	ostatic pressu	ires, botto	m hole
Drill Stem Tests Take		☐ Yes 🗸 No		V L	og Format	ion (Top), Depth a	and Datum		Sample
Samples Sent to Ge	,	☐ Yes 🗸 No		Nam	e	*	Тор	í	Datum
Cores Taken	;	Yes No	•	Paw	nee Lime		440 GL	3	383
Electric Log Run (Submit Copy)	,	✓ Yes No		Exce	ello Shale		589 GL		234
List All E. Logs Run:		•		V-St	nale		643 GL	· 1	80
Compensated D	ensity Neutron	•		Mine	eral Coal		686 GL	1	37
Dual Induction	•	NFIDENTIAL	-	Miss	sissippian		992 GL	-	169
Γ		UL 2 1 2008					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		CASING Afgoorfall strings set-	RECORD conductor, su	✓ Ne urface, inte	·	ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei	ght	Setting Depth	Type of Cement	# Sacjs Used		and Percent dditives
Surface	11"	8.625"	24	/ Fi:	21'	Class A	4		1 cement
Casing	6.75"	4.5"	10.5		997'	Thick Set	150	50/50 po	smix w/2% gel
	7,4	i i		'					
		ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORI	 D			
Purpose:Perforate	Depth Top Bottom	Type of Cement	#Sacks			· · · · · · · · · · · · · · · · · · ·	Percent Additive	98	
Protect Casing Plug Back TD Plug Off Zone						·.	· · · · · · · · · · · · · · · · · · ·		
Shots Per Foot		ON RECORD - Bridge Plug				icture, Shot, Cemen		ord	Donth
		Footage of Each Interval Per	norated		(A	mount and Kind of M	alenai Used)		Depth
	See Attached P	age		<u> </u>					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
							KANSAS	RECE CORPORA	IVED TION COMMISSI
								JUL 2	2 2008
TUBING RECORD	Size	Set At 975'	Packer A	At	Liner Run	☐ Yes 🗸 No) NSERVATI WICHIT	ON DIVISION A, KS
Date of First, Resumer 5/20/2008		······	hod [Flowing	g 🗸 Pump			her (Explain,)
Estimated Production Per 24 Hours	Oil O	Bbls. Gas	Mcf	Wate	er E	Bbls. (Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF (1	·······	Production Inte	rval		-	
Vented ✓ Sold (If vented, Su	Used on Lease	Open Hole Other (Spec	✓ Perf		oually Comp.	Commingled _			

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:			
	Sec. 29 Twp. 31S Rng. 17E, Montgomery County		
API:	15-125-31576-00-00		
hots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Initial Perfora	itions (May 2008)	
4	Riverton 980.5' - 983'	3000 lbs 20/40 sand 413 bbls water 500 gals 15% HCl acid	980.5' - 983'
4	Neutral 931.5' - 933' Rowe 923' - 924.5'	3200 lbs 20/40 sand 288 bbls water 400 gals 15% HCl acid	923' - 933'
4	Bluejacket 821' - 822.5' Weir 802' - 803'	4200 lbs 20/40 sand 287 bbls water 400 gals 15% HCl acid	802' - 822.5'
4 C	Mineral 686' - 687' Croweburg 644' - 646.5' Bevier 622' - 623.5'	7800 lbs 20/40 sand 552 bbls water 750 gals 15% HCl acid	622' - 687'
4	JUI_ 2 1 2008 Mulky 590.5' - 595.5'	6200 lbs 20/40 sand 241 bbls water 200 gals 15% HCl acid	590.5' - 595.5'
4	Summit 563.5' - 565.5'	3200 lbs 20/40 sand 262 bbls water 300 gals 15% HCl acid	563.5' - 565.5'

RECEIVED KANSAS CORPORATION COMMISSION

JUL 2 2 2008

CONSERVATION DIVISION WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Stice 15-29
SW SE, 394 FSL, 2377 FEL
Section 29-T31S-R17E
Montgomery County, KS

Spud Date:	4/17/2008
Drilling Completed:	4/18/2008
Logged:	4/18/2008
A.P.I. #:	15125315760000
Ground Elevation:	823'
Depth Driller:	998'
Depth Logger:	995'
Surface Casing:	8.625 inches at 21'
Production Casing:	4.5 inches at 997.4'
Cemented Job: Open Hole Logs:	Consolidated
	Dual Induction SFL/GR, Litho Density /
IUL 2 1 2008	Neutron Logs

Formation'

Kansas City Group

Pawnee Limestone

(below ground) (subsea)
Surface
(Cherryvale
Formation) 823
440 383

Tops

 Excello Shale
 589
 234

 "V" Shale
 643
 180

 Mineral Coal
 686
 137

 Mississippian
 992
 -169

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JUL 2 2 2008

CONSERVATION DIVISION WICHITA, KS

Daily Well Work Report

STICE 15-29 4/17/2008

Well Location: MONTGOMERY KS 31S-17E-29 SW SW SE 394FSL / 2310FEL

Cost Center Lease Number Property Code API Number

C01032600100 C010326

KSCV31S17E2915 15-125-31576

Spud Date 4/17/2008

RDMO Date

First Compl

First Prod

EFM Install

CygnetID

4/18/2008

5/15/2008

5/20/2008

5/20/2008

STICE_15_29

TD 998 **PBTD** 997.4

21

997.4

Tbg Size 0

Csg Size

Reported By krd

Rig Number

Sf Csg Depth Pr Csg Depth

Date

4/17/2008

Taken By

krd

Down Time

Present Operation DRILL OUT SURFACE

Contractor

THORNTON

Narrative

MIRU THORNTON, DRILLED 11" HOLE, 21' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING, MIXED 15% TYPE 1 CEMENT, DUMPED DOWN THE BACKSIDE. SDFN.

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JUL 2 2 2008

CONSERVATION DIVISION WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

TICKET NUMBER	13895	<u>-</u>
LOCATION EUREKA		
FOREMAN Keve MS	òy	

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WEI	L NAME & NUN	/BER	SECTION	TOWNSHIP	RANGE	COUNT
4-18-08	4758	Stice	# 15-29					ME
CUSTOMER	, ,,,,,,							
	INE ENERG	U		Gus	TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS			Jones	445	Justin		
P.o.	Box 160			R.91	502	Phillip		
CITY		STATE	ZIP CODE					
SYCAM	oRe	Ks					<u> </u>	
JOB TYPE 40N		HOLE SIZE	63/4	HOLE DEPTH	998	CASING SIZE & V	VEIGHT <u>4%</u>	10.5 New
CASING DEPTH		DRILL PIPE_		TUBING			OTHER	
		 -	37 866		k 6.1	CEMENT LEFT in	CASING O	
SLURRY WEIGH		-						
DISPLACEMENT	76. BOL	DISPLACEME	NI PSI <u>300</u>	_ + FSI 700	00 Bump Phy	IAIL	1 0 011	(Single
REMARKS:	Fely Meetin	<u> 19: R19 4</u>	0 to 4/2	CASING	BREAK CIK	culation w	7 20 Bet	
مملم	Dimo 6 0	We Cal 510	ush arl Hu	LLS 15 B60	L WATER SA	ACER, 5 BBL 1	ye waren	. AGLX Cd
150 ere	SO/SO ANZI	nix Ceme	st w/29	(Ge(2%	CACL2 4	KOL-SEAL S	- CAC-JAM	74 77.00
14% CE	1-110 1/4	L CAF-31	8 0 13.9	F/GAL VIC	eld 1.40. U	vash out ful	no & CINES	JAUT GOW
Release	Olya Desol	lace wel 16	1.2 BbL 7	seesh water	or. timal f	umping PRES	sure 500 p	W. Away
Plua to	1000 ASI 4	vait 2 mil	rutes. Rel	base Paess	OM. FIDAT	Held. Good	COMPAT #	there to
CASON	EILTIBLES	lugey (28	350) to	Pit. Job	Complete	. Rig down	<u> </u>)
	2 1 2008			!		V		

	<u>(CC</u>		1	
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	875.00	875.00
5406	-6-	MILEAGE 2nd Well of 2	-0-	-
1124	150 EKS	50/50 Pozmix Cement	9.30	1395.00
1118 A	250 #	Gel 2%	.16 *	40.00
1/02	250 *	CACLE 2%	- 70 =	175.00
1110 A	600 #	Val-5001 4# 15K	.40 *	240.00
1/0/	450 *	CAL-SEAL 3 4/5K RECEIVED KANSAS CORPORATION COMMISS	_ 4	157.50
	37 *	+/oce/e /4 / 5Ks	1.98	73.26
1107	63 *	CF4-110 1/2 % JUL 2 2 2008	7.15 4	450.45
1146	31 *	CAF - 38 14 % CONSERVATION DIVISION	7.30	226.30
		WICHITA, KS	<u> </u>	
1118 A	300 #	Gel Flush	.16 *	48.00
1105	50 *	Hulls	. 37 *	18.50
5407	6.3 Tons	TON MIRAGE BULK TRUCK	MIC	300.00
4404	/	41/2 Top Rubber Plug	42.00	42.00
			Sub Tetal	4041.01
		THANK YOU 5.3%	SALES TAX	151-90
		20136le	ESTIMATED TOTAL	4192.91

AUTHORIZATION WITHVESSED BY JACOB TITLE LAYNE CO. Rep.

DATE____