

Form ACO-1 September 1999 Form Must Be Typed AMENDED

12/13/08

KANSAS CORPORATION COMMISSION OF GIVE & GAS CONSERVATION DIVISION OF GIVE A COMPLETION FORM

Operator: License # 33365	API No. 15 - 125-31135-00-00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	SENE_Sec20Twp31_SR17
City/State/Zip: Mission Woods, KS 66205	1977 feet from S / N (circle one) Line of Section
Purchaser:	659 feet from (E) W (circle one) Line of Section
Operator Contact Person: M. Brent Nattrass	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3960	(circle one) NE SE NW SW
Contractor: Name: MOKAT Drilling	Lease Name: Seifert Well #: 8-20
License: 5831 Wellsite Geologist:	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 832' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1100' Plug Back Total Depth: 1097.2'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21 Feet
Gas ENHR 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:	If Alternate II completion, cement circulated from 1097'
Operator:	feet depth to Surface w/ 115 sx cmt.
Well Name:	Drilling Fluid Management Plan DH 8121108
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
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:
8/17/2006 8/18/2006 4/9/2007	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.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regular herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: MR Nathas	KCC Office Use ONLY
Title: Agent Date: 7/31/07	Letter of Confidentiality Attached
21 1.1.	If Denied, Yes Date:
Subscribed and sworn to before me this 31 day of	Wireline Log Received
20 O	Geologist Report Received CONTAGE CONTAGES
Notary Public: Muchaulhlen Larline MacL	AUGHLIN DARLINGI UIC Distribution
	Fuore: Sand of Rankes
	A. Expires 1/4/2007 SERVICION MAISION SERVICION MAISION

									Ú.	(CC
Operator Name: Lay								. Well #: <u>8-2</u>	0	
Sec. 20 Twp. 3	s. R. <u>17</u>	✓ East	West	Cou	nty: Mont	gomery				DENTY
INSTRUCTIONS: Si tested, time tool ope temperature, fluid red Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shut-in p es if gas to surf	oressures, v ace test, al	whether long with	shut-in pre	essure reached s	static level, hydro:	drill stems te static pressur	ests giving es, bottor	interval n hole
Drill Stem Tests Take (Attach Additional		☐ Yes	✓ No		 ✓L	og Formatio	on (Top), Depth a	nd Datum		Sample
Samples Sent to Ge	Yes	✓No		Nam	ne		Тор		atum	
Cores Taken	,	Yes	 ✓ No		Paw	nee Lime		448 GL	3	84
Electric Log Run (Submit Copy)		✓ Yes	No		Exce	ello Shale		575 GL	2	57
ist All E. Logs Run:					V SI	nale		631 GL	2	01
Compensated D Dual Induction	ensity Neutron		·		Miss	sissippian		987 GL	٠.	155
		Report all	CASING I			ew Used	ion etc			
Purpose of String	Size Hole Drilled	Size Ca Set (In 0	sing	W	/eight	Setting Depth	Type of Cement	# Sacjs Used		ind Percent Iditives
Surface	11"	8.625"	·	24		21'	Class A	4	Туре	1 cement
Casing	6.75"	4.5"		10.5	_	1097'	Thick Set	115	10# KO	L seal @ sx
		ΔΓ	DITIONAL	CEMEN	TING / SOI	JEEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of C			ks Used			ercent Additive	s	
Shots Per Foot		ION RECORD - Footage of Each			ре		cture, Shot, Cement		rd	Depth
	See Attached P	age								
TUBING RECORD 2-3	Size 3/8"	Set At 836'		Packe	r At	Liner Run	Yes 🗸 No			
Date of First, Resumer 4/18/2007	d Production, SWD or I	Enhr. Pro	oducing Meth	nod	Flowin	g 🗸 Pumpir	ng Gas Lift	Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas	Mcf	Wat	er Bl	ols. G	as-Oil Ratio		Gravity
Disposition of Gas		COMPLETION			L	Production Inter	val		* * * * * *	2 8
Vented Sold (If vented, So	Used on Lease		Open Hole Other (Specia	(v)	erf. 🔲 l	Dually Comp.	Commingled	MONEAST	OCPOSW	Cyrconnhosh (A.i.)
								7)	US () 1	2237

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Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Seifert 8-20		
	Sec. 20 Twp. 31S Rng. 17E, Montgomery County		
API:	15-125-31135-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
•	Initial Po	erforations	
	Weir 785.5' - 787.5'	6400 lbs 20/40 sand	
4	Croweburg 632' - 634.5'	511 bbls water	607' - 787.5'
	Bevier 607' - 609'	1000 gals 15% HCl acid	

MANUSCOME COMMISSION

AUG 2 1 2007

CON A CONTRACTION AND A CONTRACT A VICE

Layne Energy, Inc.



1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

July 31, 2007

Mr. Steve Bond Kansas Corporation Commission Oil & Gas Conservation Division 130 S. Market, Room 2078 Wichita, KS 67202 SON SON SON

KCC
DEC 1 3 2013
CONFIDENTIAL

Re:

Amended Well Completion Forms

Dear Mr. Bond:

I have enclosed the amended ACO-1 form and associated data for the following well:

API # 15-125-31135-00-00 Seifert 8-20

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

cc:

Well File

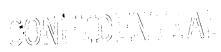
Field Office

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KANSAS CORFORDITOR COMMISSION

AUS 0 1 2007

CONCETUTION DEVISION
MICHIGA, AS





Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINA Form ACO-1
September 1999
Form Must Be Typed

WICHITA, KS

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # _33365	API No. 15 - 125-31135 0000
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	SENESec20Twp31S R17
City/State/Zip: Mission Woods, KS 66205	1977 feet from S / (N (circle one) Line of Section
Purchaser:	659 feet from (E) W (circle one) Line of Section
Operator Contact Person: M. B. Nattrass	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3987 DEC 17. 200	(circle one) NE SE NW SW
Contractor: Name: MOKAT Drilling	Lease Name: Seifert Well #: 8-20
icense: 5831	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 832 Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1100 Plug Back Total Depth: 1097.2
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21 Feet
Gas ENHR SIGW	
	Multiple Stage Cementing Collar Used? ☐Yes ☑No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1097
Operator:	feet depth to Surface w/ 115 sx cmt.
Well Name:	Drilling Fluid Management Plan AH II NH 8-21-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
· · · · · · · · · · · · · · · · · · ·	Lease Name: License No.:
8/17/2006 8/18/2006 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er 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 82-3-12 and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: MS Walter	KCC Office Use ONLY
Fittle: Agent Date: 12/12/06	Letter of Confidentiality Attached
17 Charmb	If Denied, Yes Date:
Subscribed and sworn to before me this 1 cday of 1 cday	Wireline Log Received
Notary Public: TYDOU C. NOTATION	Geologist Report Received RECEIVED WANSAS CORPORATION COMMISS
Date Commission Expires: 12/28/09	DEC 1 3 2006
NOTARY PUBLIC State Of	Kansas CONSERVATION DIVISION

BROOKE C. MAXFIELD My Appt. Exp. 12 28 0

KCC

· .	a Faoray Oper	stima IIC				Soifort		0.5	0.0
perator Name: Layn								Well #: 8-2	
NSTRUCTIONS: Sho ested, time tool open a emperature, fluid record electric Wireline Logs	w important tops a and closed, flowing very, and flow rate:	and base of for and shut-in p is if gas to surf	ressures, v ace test, al	enetrated. whether s long with	hut-in pre	I cores. Repor	l static level, hyd	rostatic pressu	ires, bottom hole
Orill Stem Tests Taken	roata)	Yes	√ No		V L	og Format	tion (Top), Depth	and Datum	Sample
(Attach Additional Stamples Sent to Geolo	•	Yes	✓No		Nam	e		Тор	Datum
ores Taken	ogical Survey	☐ Yes	V No		Pawi	nee Lime		448 GL	384
lectric Log Run		✓ Yes	No		Exce	ello Shale		575 GL	257
(Submit Copy)					V Sh	ale		631 GL	201
ist All E. Logs Run:					Miss	issippian		987 GL	-155
Compensated Der Dual Induction	lony reduction		CASING F	RECORD	√ Ne	w Used			
	T		strings set-co	onductor, s	urface, inte	rmediate, produ			
Purpose of String	Size Hole Drilled	Size Ca Set (In C			eight . / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11	8.65		24		21'	Class A	4	Type 1 cemen
Casing	6.75	4.5		10.5		1097'	Thick Set	115	
		AD	DITIONAL	CEMENT	ING / SQL	JEEZE RECOR	D		
Purpose: Perforate	Depth Top Bottom	Type of Ce	ement	#Sack	s Used		Type and	Percent Additive	es
Protect Casing Plug Back TD Plug Off Zone									·····
Shots Per Foot		ON RECORD - Footage of Each)		acture, Shot, Ceme Amount and Kind of N		ord Depth
	SI-waiting on co	mpletion							
TUBING RECORD	Size	Set At		Packer	At	Liner Run	Yes 🗸 N	0	
Date of First, Resumerd F		nhr. Pro	ducing Meth	nod	Flowing	y Pump	oing Gas L	_ift	her (Explain)
Estimated Production Per 24 Hours		Bbls.	Gas I	Mcf	Wate	er I	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	OMPLETION				Production Inte	erval	KANSAS	RECEIVED S CORPORATION CO
Vented Sold (If vented, Subn	Used on Lease nit ACO-18.)	=	Open Hole Other <i>(Specif</i>	Per	f. 🔲 C	Dually Comp.	Commingled		DEC 1 3 2006

GEOLOGIC REPORT

LAYNE ENERGY Seifert 8-20

SE NE, 1977 FNL, 659 FEL Section 20-T31S-R17E Montgomery County, KS

CONFIDENTIAL CONFIDENTIAL

 Spud Date:
 8/17/2006

 Drilling Completed:
 8/18/2006

 Logged:
 8/21/2006

 A.P.I. #:
 1512531135

Ground Elevation: 832'
Depth Driller: 1100'
Depth Logger: 1099'

Surface Casing: 8.625 inches at 21' Production Casing: 4.5 inches at 1097'

Cemented Job: Consolidated

Open Hole Logs: Dual Induction SFL/GR, High Resolution

Compensated Density/Neutron

Formation Tops (in feet below ground level)

Kansas City Group Surface (Dennis Limestone)

Pawnee Limestone 448
Excello Shale 575
"V" Shale 631
Mississippian 987

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DEC 1 3 2006

CONSERVATION DIVISION WICHITA, KS

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



TICKET NUMBER	10580
LOCATION EUREGA	
FOREMAN & TC. N.	6000

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER #	I MELL NOM	E & NUMBER	050000	1		
				SECTION	TOWNSHIP	RANGE	COUNTY
7-22-06	1 4758	SEZFERT	8-20		<u></u>		me
CUSTOMER /	Auu /	یس ا		20.20			
MAILING ADDRE	AYME	Energy		TRUCK #	DRIVER	TRUCK#	DRIVER
	_		j	44.5	Alan		
	P.O. Box	160		441	Justia		
CITY		STATE ZIP C	ODE				
Sycar	nok	KS			 		
OB TYPE LANG		HOLE SIZE 434	HOLEDER	TH //00'	CASING SIZE & WI	Clour Ust !!	4 5 4
ASING DEPTH_	• • •	DRILL PIPE		7789			A. S Carl
BLURRY WEIGHT	1825		TUBING			OTHER	
		SLURRY VOL	WATER gal	lisk_7 0	CEMENT LEFT in C	ASINGO	
=		•			RATE		
EMARKS:		meting: Ria	up to 91/2"	Casina. Bra	or cicelath	2 4/2	CALL
-fresh	Hater.	Pump 4's	K) Gel-fr	sh 5 all	fresh work		7 00 B
		x-flush 9		water M		- VARAL	152
	+ 1/10	Lat-sail delse			Wed 115 31		
					Jaskart prom	p + loss.	
		Esplace uff	RY Bbls fre	the smill of	Fool gung a	cession 60	O PSZ
Bung	plus to	HOD PSE	Jait 2 m	raceles Rala	an anneded a .		
	connt	etwo to suf	KC = 8 BAB	Sluces to	sit Tib con	week P	1
						A. C. C.	awn

ACCOUNT CODE	BTINU TO YTTHAUD	DESCRIPTION of SERVICES of PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE		
5406	40	MILEAGE	800.00	
			3, 3	186.00
1124A	115 525	Thickset cament	14.65	1/10/10
1110 A	1150	Kol-saal 10= Make		
			36*	414,00
HIZA	200"	Gel-flush	14 =	00.41
IJIIA	500	metasiliate tre-flush		
			1.65	82.50
SYOTA	6,3	Ton-mileage BULK TEK	1, 05	264,60
4404		1		267,60
	RECEIVED	4th " Top rubberplag	440	40.00
	ANSAS CORPORATION COMMISS	CN		
	DEC 1 3 2006			
	CONSERVATION DIVIDIO	"Thyor Ky"		
	WICHITA, KS	5.8	2 subtate	3459.25
			SALES TAX	119.20
		928438	ESTIMATED	350000

AUTHORIZATION CALL by John God TITLE____ TOTAL 3557.05

Daily Well Work Report

SEIFERT 8-20



Well Location:MONTGOMERY KS
31S-17E-20 SE NE
1977FNL / 659FEL

Cost Center Lease Number Property Code API Number

C01019200100 C010192 COLT-PRUD0059 15-125-31135

Spud Date

RDMO Date First Compl

First Prod

EFM Install

CygnetID

8/17/2006

8/18/2006

TD PBTD

Sf Csg Depth Pr Csg Depth

Tbg Size

Csg Size Pump Seat Depth

1097.2

1100

1097.2

21

1097.2

8/17/2006

Reported By

Rig Number

Date

0/1//200

Taken By

Down Time

Present Operation

Contractor

Narrative

MIRU MOKAT drilling, drilled 11" hole 21' deep, rih w/1 jts 8-5/8" surface casing. Mixed 4 sxs type 1 cement, dumped dn the backside, sdfn.

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KANSAS CORPORATION COMMISSION

DEC 1 3 2006

CONSERVATION DIVISION WICHITA, KS

Cumulative Well Cost

\$ 28,785.00

Monday, December 11, 2006

Page 4 of 4

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

December 12, 2006

CONFIDENTIAL

Kansas Corporation Commission Oil & Gas Conservation Division 130 S. Market, Room 2078 Wichita, KS 67202

RECEIVED KANSAS CORPORATION COMMISSION

DEC 1 3 2006

CONSERVATION DIVISION WICHITA, KS

Re: Well Completion Form

To Whom It May Concern:

I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-125-31135 Seifert 8-20

We respectfully request that all information submitted be kept confidential and 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 or have any questions or comments, please contact me at (913) 748-3987.

Best regards,

Brooke C. Maxfield

Enclosures

Cc Well File

Field Office

