RECEIVED

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

... ORIGINAL

FEB 2 0 2007

Form ACO-1 September 1999 Form Must Be Typed

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

Operator: License # 33365	
Name: Layne Energy Operating, LLC	County: Wilson
Address: 1900 Shawnee Mission Parkway	SE_SW_Sec. 28 Twp. 29 S. R. 14 🗸 East 🗌 West
City/State/Zip: Mission Woods, KS 66205	873 feet from S/N (circle one) Line of Section
Purchaser:	1972 feet from E / (W) (circle one) Line of Section
Operator Contact Person: M. B. Nattrass	Footages Calculated from Nearest Outside Section Corner:
- 1 013 7/8-3060 EED (15 5-2)	(circle one) NE SE NW SW
Contractor: Name: McPherson Drilling	Lease Name: Wiersma Well #: 14-28
License: 5675	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 883 Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1355 Plug Back Total Depth: 1350
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 45 Feet
✓ GasENHR ✓ SIGW	Multiple Stage Cementing Collar Used?
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 1350
Operator:	feet depth to Surface w/ 135 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan ALTI WHM 2-21
Deepening Re-perf Conv. to Enhr./SWD	(Falla Mark Do Collos Collos Months M
Plug BackPlug Back Total Depth	Chloride content N/A ppm Fluid volume bbls
Commingled Docket No	Dewatering method used N/A - Air Drilled
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
·	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name:License No.:
10/23/2006 10/26/2006 11/14/2006	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
	Doublet Ho.
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover 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 at 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 regulation 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: MS Hithias	KCC Office Use ONLY
Title: Agent Date: 2/19/2007	Letter of Confidentiality Attached
Subscribed and sworn to before me this 19 day of February	If Denied, Yes Date:
. ^ 1	Wireline Log Received
20 0 1 (NW 12)	Geologist Report Received
Notary Public:	UIC Distribution
Date Commission Expires: 12 28 09	

NOTARY PUBLIC - State Of Karisas BROOKE C. MAXFIELD My Appt. Exp. 12/28/09

Operator Name: Lay	ne Energy Opera	ating, LLC	<u> </u>	Lease	e Name:_\	Viersma		_ Well #: 14-	28
Sec. 28, Twp. 2				Count	y: Wilso	n			
INSTRUCTIONS: Si tested, time tool ope temperature, fluid red Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shut- s if gas to	in pressures, surface test, a	whether s long with	hut-in pre	ssure reached	static level, hydro	ostatic pressur	
Drill Stem Tests Take		Ye	es 🗸 No		√ L	og Format	ion (Top), Depth a	and Datum	Sample
Samples Sent to Ge	ological Survey	☐ Ye	s 🗸 No		Nam	e		Тор	Datum
Cores Taken		☐ Ye	s 🗸 No		Paw	nee Lime		857 GL	26
Electric Log Run (Submit Copy)		✓ Ye	s No			ello Shale		951 GL	-68
List All E. Logs Run:					V Sr	ale		1024 GL	-141
Compensated D Dual Induction	ensity Neutron				Miss	issippian		1260 GL	-377
									~ 3 0 93
		Repor		RECORD onductor, s	✓ Ne	w Used ermediate, produc	ction, etc.	1 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	10.
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		ight . / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11	8.65		24		45'	Class A	8	Type 1 cement
Casing	6.75	4.5		10.5		1350'	Thick Set	135	
			ADDITIONAL	051454171	110 / 00/	15575 05000			
Purpose:	Depth	Type	of Cement		s Used	JEEZE RECORI		Percent Additives	3
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	7,61					7,50		
Flug On Zone									
Shots Per Foot			D - Bridge Plug ach Interval Per		•	Acid, Fra	acture, Shot, Cemen mount and Kind of M	it Squeeze Reco	rd Depth
	See Attached						KA	MONO CORPO	RATION COMMISSION
								FEB	2 0 2007
								CONSERVA	TION DIVISION
								Wich	IITA, KS
TUBING RECORD	Size	Set At		Packer	At	Liner Run			
	3/8" d Production, SWD or E	1123'	Producing Mat	had			Yes ✓ No)	
Date of First, nesumer	a Froduction, SWD Of E		Producing Met	iou	Flowing	g Pump	ing Gas Li	ft 🗌 Oth	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er E	Bbls. (Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF (COMPLETIO	N			Production Inte	rval		
Vented Sold	Used on Lease		Open Hole	✓ Per	f. 🔲 C	Dually Comp.	✓ Commingled _		

RECEIVED KANSAS CORPORATION COMMISSION

FEB 2 0 2007

CONSERVATION DIVISION WICHITA, KS

Operator Name: Layne Energy Operating, LLC.

Lease Name: Wiersma 14-28

Sec. 28 Twp. 29S Rng. 14E, Wilson County

API: 15-205-26990

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1105.5-1107, 1081-1083.5	Tebo, Scammon A - 3600# 20/40 sand, 326 bbls wtr, 350 gal 15% HCl acid	1081-1107
4	1025-1027.5, 1007-1008.5	Croweburg, Bevier - 3900# 20/40 sand, 325 bbls wtr, 400 gal 15% HCl aci	1007-1027.5
4	951-956, 936.5-942.5, 853-855	Mulky, Summit, Mulberry - 8800# 20/40 sand, 626 bbls wtr, 1300 gal 15% HCI acid	853-956

KCC FEB 1 9 2007 CONFIDENTIAL

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FEB 2 0 2007

Daily Well Work Report

WIERSMA 14-28 10/26/2006 CONSERVATION DIVISION WICHITA, KS

Well Location: WILSON KS

29S-14E-28 SE SW 873FSL / 1972FWL Cost Center Lease Number Property Code API Number G01015900100 G010159 KSSY29S14E2814 15-205-26990

KCC

Spud Date	RDMO Date	First Compl	First Prod	EFM Install	CygnetID
10/23/2006	10/26/2006	11/14/2006		12/12/2006	WIERSMA_14_28

TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size
1355	1350	45	1350	0	0

Reported By KRD Rig Number Date 10/23/2006
Taken By KRD Down Time

Present Operation DRILLED OUT FROM UNDER SURFACE Contractor

Narrative

MIRU MCPHERSON DRILLING, DRILLED 11' HOLE 45' DEEP, RIH W/2 JOINTS 8-5/8" SURFACE CASING, MIXED 8 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.

AUTHORIZATION CALLED by John Ed

P.01

CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, K9 68720 620-431-9210 OR 800-467-8676

TICKET NUME	ER	16449
LOCATION	Eucelo	
FOREMAN	Trans Charles	. Waa

TREATMENT REPORT & FIELD TICKET

DATE	CUSTOMER#	WE	LL NAME & NUM	1BER	SECTION	TOWNSHIP	RANGE	COUNT
10-30-06	4758	Wieson	a 14-2	3				Wilson
CUSTOMER	ســـــــــــــــــــــــــــــــــــــ		- 					
MAILING ADDRE	Energy			┥	TRUCK#	DRIVER	TRUCK#	DRIVE
		•		Gus	446	Cliff	·	
<u>P.O.</u> 8	04 160	102.25	7-2-225	- Joves	439	James		1000
CITY		STATE	ZIP CODE				(97	
Sycamor		Ks					. 20	
JOB TYPE		HOLE SIZE	64.	HOLE DEPTI	H	CASING SIZE &	WEIGHT 48	10.5 M
CASING DEPTH		DRILL PIPE		_TUBING			OTHER	
SLURRY WEIGH		SLURRY VOL_	42.7AI		1k	CEMENT LEFT I	CASING 0	10 WTO 4
DISPLACEMENT	21.56W	DISPLACEMENT	T PSI_600_	MIX PSI	O Brook Plus	RATE		
REMARKS:	asety ma	etina: Ria	40 to 4	4" Casi	no Brook	Cicculation	12/ 258bl	Later.
mind 4	CK Gel-F	Jush 586	l water s	eace c	isk meter	ilicate, 12	56/ Ove	-ake
Mixed 1						Portsk @		
out Au			-			5861 W		
Persure	600 PST							
		Bump F			_	nine Rele		ruce
Float H	leld. G	ood Ce	ment	10 5	uctace :	784 Slue	y to P	
							<u> </u>	
						UDA	Complete	- ,
					·			
ACCOUNT							γ	·
CODE	QUANTITY	or UNITS	DES	SCRIPTION of	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
5401			PUMP CHARGE				800.00	800.0
5406	40		MILEAGE				3.15	126.0
				·				720.0
1126 A	1.3Ss	k.c	Thicks	Cat Can	nent	·····	14.65	1977.7
IIIOA	1350		Kol-Sea		And.			
1104	1320		KO I-J FA	1 10-	A.		.36	486.0
11104	3		0.1	-1				20
IU8A	200		Gel-Flu				.14	28.00
11UA	50		Metasili	rete f	e-Flud		1.65	82.50
								·-
5407A	7.4	Brs	Ton- mil	leave B	alk Track		1.95	310.80
				U				
4404	,		44° Top	Rubber	Au		40BECE	VRD ~
					7.70	KA	NSAS CORPORAT	ION COMMISS
								
It* Eax Note	7671 Da	ate 2/19/67	# of pages ► /				FEB 2	2007
	le.	77		-			CONSERVATIO	NOIVISION
PROOKE	Ço	The CAS	elbe	┥ —			WICHT	KS
-				┥ ——				·
€p1	- 1-							
€ β1		none#		J You			SubTotal	<u> 3851.05</u>
		x #		You		632	SALES TAX ESTIMATED	3851.03 164.70

RECEIVED KANSAS CORPORATION COMMISSION

FEB 2 0 2007

GEOLOGIC REPORT

CONSERVATION DIVISION WICHITA, KS

LAYNE ENERGY
Wiersma 14-28
SE SW, 873 FSL, 1972 FWL
Section 28-T29S-R14E
Wilson County, KS

 Spud Date:
 10/23/2006

 Drilling Completed:
 10/26/2006

Logged: 10/26/2006 A.P.I. #: 1520526990

Ground Elevation: 883'
Depth Driller: 1355'
Depth Logger: 1355'

Surface Casing: 8.625 inches at 45' Production Casing: 4.5 inches at 1350'

Cemented Job: Consolidated

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

Compensated Density/Neutron

Formation Tops (in feet below ground level)

Douglas Group Surface (Stranger Formation)

Pawnee Limestone 857
Excello Shale 951
"V" Shale 1,024
Mississippian 1,260

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

February 19, 2007

RECEIVED KANSAS CORPORATION COMMISSION

FEB 2 0 2007

CONSERVATION DIVISION WICHITA, KS

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

Re: Well Completion Form

To Whom It May Concern:

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

API # 15-205-26990 Wiersma 14-28

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) 748-3960.

Best regards,

Brooke C. Maxfield

Enclosures

Cc Well File Field Office



ORIGINAL

CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

CONSERVATION DIVISION WICHITA, KS

2/19/09

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 205-26990-00-00
Name: Layne Energy Operating, LLC	County: Wilson
Address: 1900 Shawnee Mission Parkway	SE_SW_Sec28 Twp29 S. R14
City/State/Zip: Mission Woods, KS 66205	873 feet from S/ N (circle one) Line of Section
Purchaser:	1972 feet from E / (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
Contractor: Name: McPherson Drilling	Lease Name: Wiersma Well #: 14-28
License: 5675	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Qesignate Type of Completion:	Elevation: Ground: 883' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1355' Plug Back Total Depth: 1350'
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 45 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
	If yes, show depth setFeet
Dry Other (Core, WSW-5xplCathodio etc) If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1350
	feet depth to Surface w/ 135 sx cmt.
Operator:	·
Well Name:	Drilling Fluid Management Plan AI+ II NH 11-250
Original Comp. Date: Original Total Depth:	(Data mast be conected from the rieserve rity
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls
Plug Back Total Depth	Dewatering method used N/A - Air Drilled
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No.	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
10/23/2006 10/26/2006 11/14/2006	Quarter Sec TwpS. R East _ West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
·	Docker 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	ith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-gs and geologist well report shall be attached with this form. ALL CEMENTING Ils. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate and correct to the best of my knowledge.	ulate the oil and gas industry have been fully complied with and the statements
Signature: Little Holye	KCC Office Use ONLY
Title: Agent Date: 9/16/08	Letter of Confidentiality Attached
Subscribed and sworn to before me this 16 day of Suptem	If Denied, Yes Date:
	Wireline Log Received
20 D8.	Geologist Report Received RECEIVED
Notary Public: Macfaulles Laryand	MacLAUGHLIN DARLING stribution KANSAS CORPORATION COM
Date Commission Expires: 1-4-2009	Notary Public - State of Kansas SEP 1.8 2008
Jaco Commission Expires.	My Appt. Expires 1-4-300 9

Side Two

A Commence of the Commence of

Operator Name: Layne Energy Operating, LLC			Lease Name:	Lease Name: Wiersma			Well #:		
ec. 28 Twp. 2	9S. R. <u>14</u>	✓ East	County: Wils	on					
ested, time tool oper emperature, fluid rec	n and closed, flowing covery, and flow rate	and base of formations g and shut-in pressure is if gas to surface tes final geological well si	es, whether shut-in p t, along with final cha	ressure reached	d static level, hydr	ostatic pressu	res, botto	n hole	
rill Stem Tests Take		☐ Yes 🗸 No	V	Log Forma	tion (Top), Depth	and Datum		Sample	
Samples Sent to Geo	·	Yes Vo	Na	me		Тор	I	Datum	
Cores Taken	nogical Guivey	Yes V No	l n	wnee Lime		857 GL	2	26	
lectric Log Run (Submit Copy)		✓ Yes No		cello Shale		951 GL	-	68	
ist All E. Logs Run:			vs	hale		1024 GL	-	141	
Compensated De	ensity Neutron		Mis	ssissippian		1260 GL	-	377	
			NG RECORD 🗸 I		action, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacjs Used		and Percent dditives	
Surface	11"	8.625"	24	45'	Class A	8	-	1 cemen	
Casing	6.75"	4.5"	10.5	1350'	Thick Set	135			
	1	ADDITION	VAL CEMENTING / SO	DUEEZE BECOR	SD.				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used			Percent Additive	es		
Shots Per Foot		ION RECORD - Bridge f Footage of Each Interval			acture, Shot, Cemer		ord	Depth	
	See Attached P	age							
						VANCA	REC	EIVED ATION COM	
	<u>CU</u>	NEIDENTI	AL			MANGA	SEP 1	8 2008	
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes V N			TION DIVISIO	
Date of First, Resument	3/8" d Production, SWD or E	1123' Enhr. Producing I	Method Flow	ing 🗸 Pum			her (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbls. Gas				Gas-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF (Production Int	erval				
Vented Sold (If vented, Su	Used on Lease	Open Ho	L L	Dually Comp.	Commingled				

Operator Name: Layne Energy Operating, LLC.

Lease Name: Wiersma 14-28

Sec. 28 Twp. 29S Rng. 14E, Wilson County

API: 15-205-26990-00-00

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1105.5-1107, 1081-1083.5	Tebo, Scammon A - 3600# 20/40 sand, 326 bbls wtr, 350 gal 15% HCl acid	1081-1107
4	1025-1027.5, 1007-1008.5	Croweburg, Bevier - 3900# 20/40 sand, 325 bbls wtr, 400 gal 15% HCl aci	1007-1027.5
4	951-956, 936.5-942.5, 853-855	Mulky, Summit, Mulberry - 8800# 20/40 sand, 626 bbls wtr, 1300 gal 15% HCl acid	853-956



RECEIVED KANSAS CORPORATION COMMISSION

SEP 18 2008

September 16, 2008

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

Re: Amended Well Completion Form

Dear Mr. Bond:

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

API # 15-205-26990-00-00 Wiersma 14-28

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,

MocLaughlin Darling
MacLaughlin Darling

Engineering Technician

Enclosures

cc:

Well File

Field Office

CONFIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

SEP 18 2008

