ORIGINAL

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 AMENDED

CONSERVATION DIVISION WICHITA, KB

Operator: License # 33365	API No. 15 - 205-26258 -06 -6 0
Name: Layne Energy Operating, LLC	County: Wilson
Address: 1900 Shawnee Mission Parkway	<u>SW-NW</u> Sec. 31 Twp. 30 S. R. 16 🗸 East 🗌 West
City/State/Zip: Mission Woods, KS 66205	2188 feet from S / (N) (circle one) Line of Section
Purchaser:	595 feet from E / (W) (circle one) Line of Section
Operator Contact Person: Victor H. Dyal APR 4 200	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3987 CONFIDENT	(circle one) NE SE NW SW
Contractor: Name: McPherson Drilling	Lease Name: Sanbothe B&B Well #: 5-31
License: 5675	Field Name: Neodesha
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 807 Kelly Bushing:
✓ New Well Re-Entry Workover	Total Depth: 1160 Plug Back Total Depth: 1150
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
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1156'
Operator:	feet depth to Surface w/ 120 sx cmt.
Well Name:	11 T 11 10 10 C
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Alt II NH LOS-08
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	Location of fluid disposal if flauled offsite.
Other (SWD or Enhr.?) Docket No.	Operator Name:
/-65-06 12/23/2005 12/27/2005 2/21/200 6	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date Per Aco-(County: Docket No.:
kec-dig	
Kansas 67202, within 120 days of the spud date, recompletion, workov 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 regul	late 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: Alix Halland	KCC Office Use ONLY
Title: Agent Date: 10/9/2006	Letter of Confidentiality Attached
Subscribed and sworn to before me this day of	If Denied, Yes Date:
20 DO A A A A A A A A A A A A A A A A A A	Wireline Log Received
20 LANGE (NOW)	Geologist Report Received RECEIVED
Notary Public	UIC Distribution KANSAS CORPORATION COMM
Date Commission Expires: 12/28/0	OCT 1 0 2006

BROOKE C. MAXFIELD

My Appt. Exp.

200

KCC

APR 0 4 2006

Operator Name: Layne Energy Operating, LLC			Lease	Lease Name: Sanbothe B&B			Well #: . <u>5-3</u>	CONFIDENTIA	
Sec. 31 Twp. 3					y: Wilso				
INSTRUCTIONS: Statested, time tool oper temperature, fluid red Electric Wireline Logo	n and closed, flowin covery, and flow rate	g and shut es if gas to	in pressures, surface test, a	whether sl	hut-in pre	ssure reached	static level, hydr	ostatic pressur	
Drill Stem Tests Take		Ye	es 🗸 No		V L	og Formati	on (Top), Depth	and Daturn	Sample
(Attach Additional) Samples Sent to Geo	•		es 🗸 No		Nam	e		Тор	Datum
Cores Taken	nogical Survey	Y€			Pawi	nee Lime		545 GL	262
Electric Log Run (Submit Copy)		✓ Ye			Exce	ello Shale		669 GL	138
List All E. Logs Run:					V Sh	ale		726 GL	81
Compensated De	ensity Neutron				Mine	ral Coal		766 GL	41
Dual Induction	,				Miss	sissippian		1054 GL	-247
		Repor		RECORD	✓ Ne	w Used	tion, etc.		
Purpose of String	Size Hole Drilled	Siz	Casing (In O.D.)	ing Weig		Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11	8.65	·	24		21'	Class A	5	Type 1 cement
Casing	6.75	4.5		10.5		1156'	Thick Set	120	
			ADDITIONAL	CEMENTI	NG / SOI	JEEZE RECORE	<u></u>		
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	#Sacks					
Protect Casing Plug Back TD Plug Off Zone									
]					
Shots Per Foot			D - Bridge Plug ach Interval Per			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
See Attached						*		KANG	RECEIVED
									AS CORPORATION COMMISS
		· · · · · · · · · · · · · · · · · · ·		-					UCT 1 0 2006
						· · · · · · · · · · · · · · · · · · ·		.,	CONSERVATION DIVISION WICHITA, KS
TUBING RECORD 2 3	Size 3/8"	Set At 968'		Packer A	A t	Liner Run [Yes 🗸 No)	·
Date of First, Resumero 8/22/2006	d Production, SWD or E	Enhr.	Producing Met	hod [Flowing	Pumpi	ng 🔲 Gas Li	ift Othe	er (<i>Explain</i>)
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas 7	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETIC				Production Inter	val	· · · · · · · · · · · · · · · · · · ·	
Vented ✓ Sold	Used on Lease		Open Hole	✓ Perf	f. 🔲 D	oually Comp.	✓ Commingled _		

Operator Name: Layne Energy Operating, LLC.

Lease Name:

Sanbothe B&B 5-31

Sec. 31 Twp. 30S Rng. 16E, Wilson County

API:

15-205-26258

Shots per Foot

Perforation Record

711, 668.5-676, 661.5-655

Acid, Fracture, Shot, Cement Squeeze Record

Depth 661.5-934.5

933.5-934.5, 889-891, 779-.5-781.5, 727-729, 707-

Drywood, Bluejacket, Scammon A, Croweberg, Ironpost, Mulky, Summit-ATP 759, 15 min 330,

9600# 20/40 sand, 3750 gal 15% HCl acid, 710 bbls

wtr

RECEIVED KANSAS CORPORATION COMMISSION

OCT 1 0 2006

CONSERVATION DIVISION WICHITA, KS

Operator: License # 33698 Name: Colt Natural Gas, LLC

Phone: (913) 748-3987

Designate Type of Completion:

Purchaser:

License: 5675

___ Oil

Operator: _ Well Name: ___

12/23/2005

Spud Date or

Recompletion Date

_ Deepening

__ Plug Back __ ____ Commingled

___ Dual Completion

__ Other (SWD or Enhr.?)

✓_ Gas

Wellsite Geologist:

Address: 4350 Shawnee Mission Parkway

City/State/Zip: Fairway, KS 66205

Operator Contact Person: M. B. Nattrass

Contractor: Name: McPherson Drilling

✓ New Well ____ Re-Entry ____ Workover

____ ENHR _ SIGW

Original Comp. Date: _____ Original Total Depth: ____ _____ Re-perf.

12/27/2005

Date Reached TD

If Workover/Re-entry: Old Well Info as follows:

_____SWD ____SIOW ____Temp. Abd.

_____ Other (Core, WSW, Expl., Cathodic, etc)

Docket No.___

Docket No.___

Docket No.___

____Conv. to Enhr./SWD

12-27-05

Completion Date or

Recompletion Date

My Appl. Exp. 12

___ Plug Back Total Depth

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

API No. 15 - 205-2	.02.00 (0) (0)	
County: Wilson		
	V Sec. 31 Twp. 30 S. R	R. 16
	feet from S / N (circ	cle one) Line of Section
595	feet from E / W (circ	cle one) Line of Section
Footages Calculate	ed from Nearest Outside Sect	tion Corner:
(circle one	•	
Lease Name: Sa	nbothe B&B	_Well #: <u>5-31</u>
Field Name: Neo	desha	
Producing Formation	on: Cherokee Coals	
Elevation: Ground	Kelly Bush	ning:
	Plug Back Total Depth:	
	Pipe Set and Cemented at 2	
Multiple Stage Cen	menting Collar Used?	☐Yes 🗸 No
If yes, show depth	set	Feet
If Alternate II comp	pletion, cement circulated from	1156'
	ace _{w/} 120	
Drilling Fluid Man (Data must be collected)	ed from the Reserve Pit)	
Chloride content_	N/A ppm Fluid vo	lume hhls
	d used N/A - Air Drilled	05.0
Location of fluid dis		RECEIVED
Operator Name:	KANSAS CO	DRPORATION COMMISSIO
Lease Name:	License	NPR 2 1 2006
Quarter Se	ec TwpSR.	East West
0	Docket No.:	ERVATION DIVISION

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	d gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	
Signature: Signature:	KCC Office Use ONLY
Title: Agent Date: 4/20/06	Letter of Confidentiality Attached
Subscribed and sworn to before me this day of	If Denied, Yes Date:
	Wireline Log Received
20 10 2	Geologist Report Received
Notary Public:	UIC Distribution
NOTARY PUBLIC State Of Kansas	!
1 BROOKE C. MAXFIELD.	

	KCC Office Use ONLY
1	Letter of Confidentiality Attached
	If Denied, Yes Date:
	Wireline Log Received
	Geologist Report Received
	UIC Distribution

Side Two

KCC APR 2 0 2006

perator Name: Colt	Natural Gas, LL	.C		Lease	Name:	Sanbothe B8	BCONFIDE	We 4 5-3	1	
Sec. 31 Twp. 30			West		y: Wilson					
NSTRUCTIONS: She ested, time tool oper emperature, fluid rec lectric Wireline Logs	now important tops a n and closed, flowing overy, and flow rate	and base of g and shut- s if gas to	formations pe in pressures, surface test, a	enetrated. whether s long with	Detail all	cores. Repor	static level, hydro	ostatic pressure	es, bottom	hole
rill Stem Tests Taker		Ye	es 🗸 No		⊘ Lo	og Format	ion (Top), Depth a	and Datum	☐ Sa	mple
(Attach Additional	·	п.,	CZ1		Name	e		Тор	Da	ıtum
amples Sent to Geo	logical Survey	Y€	-		Pawi	nee Lime		545 GL	26	2
ores Taken ectric Log Run (Submit Copy)		Y€				ilo Shale		669 GL	13	8
st All E. Logs Run:					V Sh	ale		726 GL	81	
Compensated Do	ensity Neutron				Mine	eral Coal		766 GL	41	
Dual Induction	ondry Hoduon				Miss	issippian		1054 GL	-2	47
		Repor		RECORD	✓ Ne	w Used	ction, etc.			
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		eight . / Ft.	Setting Depth	Type of Cement	# Sacjs Used		d Percent litives
Surface	11	8.65	(11 0.0.)	24	.,,,,,	21'	Class A	5		cemen
Casing	6.75	4.5		10.5		1156'	Thick Set	120		
			ADDITIONAL	CEMENT	ING / SQU	JEEZE RECOR	D			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	repose: Perforate Protect Casing Plug Back TD Plug Back TD Protect Casing			s Used		Type and	Percent Additives	3		
Shots Per Foot			D - Bridge Plug		9	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
	See Attached					FIGCEIVED				
	LANCOUR TO THE STATE OF THE STA					KANSAS CORPORATION COMMISSION				
								APR 2	1 2006	
								CONSERVATION		N
	And the state of t								F4 100	
TUBING RECORD	Size 3/8"	Set At 968'		Packer	At	Liner Run	Yes Ve	0		
ate of First, Resumen	d Production, SWD or I		Producing Met	hod	Flowing	g Pump	ping · ☐ Gas L	ift Oth	er (Explain)	
SI - Waiting on Estimated Production Per 24 Hours	pipeline Oil	Bbls.	Gas	Mcf	Wate			Gas-Oil Ratio	ы (схран)	Gravity
Disposition of Gas	METHOD OF	COMPLETIC	 DN	<u>}</u>		Production Inte	erval			
Vented Sold	Used on Lease		Open Hole	✓ Pe	rf. 🔲 [Dually Comp.	Commingled			

KCC

APR 2 0 2006

CONFIDENTIAL

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Sanbothe B&B 5-31		
	Sec. 31 Twp. 30S Rng. 16E, Wilson County		
API:	15-205-26258		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	933.5-934.5, 889-891, 7795-781.5, 727-729, 707-711, 668.5-676, 661.5-655	Drywood, Bluejacket, Scammon A, Croweberg, Ironpost, Mulky, Summit-ATP 759, 15 min 330, 9600# 20/40 sand, 3750 gal 15% HCl acid, 710 bbls wtr	661.5-934.5

RECEIVED KANSAS CORPORATION COMMISSION APR 2 1 2006

CONSERVATION DIVISION WIGHTA, KS

MORNING COMPLETION REPORT

KRD Report taken by:

Report Called in by:	: JOHN ED			Report taken by	y: KRD	APR 2
LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD PAR
			ļ	[DEPTH	TYPE FLUID
SANBOTHE 5-31			12/23/2004	1	TYPE	_l
PRESENT OPERAT	ION:		2001 1 2017	FDOM LINES	CUDEACE	VIS
		e oromi	REPAIR DOW	FROM UNDER	CONTRACTOR	VIS
DEEPEST CASING	LINERS OD TOP & SHO	DE DEPTH	REPAIR DOW	N IIME HKS	RIG NO	
OD SHOE DEPTH			TES	T PERFS		· · · · · · · · · · · · · · · · · · ·
PACKER OR ANCHOR	FISHING TOOLS	OD ID		то	SQUEEZED	OR PLUG BACK PERFS
				то		то
				то		TO
			<u> </u>	то		<u> </u>
			1	то		то
HRS	BRIEF DESCRIPTION	ON OF OPERATI	ON			
	MIRIL THORTON	DULLING DRUL	ED 11" HOLE	21' DEED DIH	W/ 1 JT 8 5/8" SURFACE CASI	NG.
	WIRD THORTON	JRIELING, DRILL	ED IT HOLE	L, ZI DELF, KIII	VV 131 0 0/0 OOTH //OE O/(0)	
						· · · · · · · · · · · · · · · · · · ·
	MIXED 5 SXS TYPE	E 1 CEMENT, DU	MPED DN T	HE BACKSIDE, S	DFN.	
	 					
	1					
						
						
			,,,			
						RECEIVED
					MANA	- FASTERIA CUMMIS
	<u> </u>			· · · · · · · · · · · · · · · · · · ·	KANSA	S CORPORATION COMMIS
						APR 2 1 2006
						740 10 2 1 2000
						CONSERVATION DIVISION
						WICHTA, KS
	<u> </u>					
DAILY COST ANAI	LYSIS	····				
					DETAILS OF RENTALS, SE	RVICES, & MISC
RIG					THORTON DRILLING @ 6.50/	ft
					THORTON (CEMENT)	160
	_					400
SUPERVISION	2	00			DIRTWORKS (LOC,RD, PIT)	
					SURFACE CASING	400
RENTALS				!	LAND/ LEGAL	2000
		00				
SERVICES	4	00			· · · · · · · · · · · · · · · · · · ·	
MISC	25	60				

PREVIOUS TCTD TCTD 3160 DAILY TOTALS

KCC

ONSOLIDATED OIL WELL SERVICES, INC.

O. BOX 884, CHANUTE, KS 66720 20-431-9210 OR 800-467-8676

APR 2 0 2006

CONFIDENTIAL

TICKET NUMBER_____

08112

LC

FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET

		Fut a		CEMENT	·			
DATE	CUSTOMER #	WELLN	AME & NUME		SECTION	TOWNSHIP	RANGE	COUNTY
		L	and the second					WILSON
1-5-06	4758	Sambothe	5-31					
USTOMER	AYNE ENE.	lau	en e	GIL	TRUCK #	DRIVER	TRUCK#	DRIVER
IAILING ADDF		77		well	445	RICK L.		
P. O	. Box 160			Service	439	Steve		
J.L.A.		STATE	IP CODE			gen after the first		
Sycam	000							
		HOLE SIZE 6	3/4	י ∴HOLE DEPTH	1160'	CASING SIZE & V	VEIGHT <u>イス</u>	O.3 ~ New
	ngstring	HOLE SIZE D	, ,	TUDING		artistic and the second	OTHER PBTZ	1150
ASING DEPT	H 1136	DRILL PIPE	41	_ I UBING	00	CEMENT LEFT In		
LURRY WEIG	нт <u>13. ² </u>	SLURRY VOL.37	BPC	WATER gal/sk			CA31113_ <u>0</u>	
	- 19 - OLI	DISPLACEMENT	PSI 700	PSI 1/00	Bump Plu	RATE		
			up to	43 CASI	ng w/ WAS	sh head. Bi	REAK CIRCU	CIATION WI
25 21.	ب م المحمد م	LOD INACK	double	S 70 /	カチタム しんちょへ	rg acern of	- //30 . /	7 7
		- 2/		h 5 /10/	CHATTE SPA			
000	ומ הנ	Due made	0 1111	ied 120 .	sks Thick	- Jet ceme	NI COLID	7100 0-11-
20 1-1-	(A) Im 2 # Do	wind wald	1.75	uash out	· rump g 4	1263, 011K1	4 000.0	
PORISK	Dis 10-0	1 18.2 861	Fresh us	step fin	AL PUMP.	wa PRESSURE	200 PSI.	Bump
Plug.	DISPIACE W	WAIT 2 M	TACSII WI	Palassa	DODESINO	FIRST Held	. Good Ce	ment
Plug 7	0 1100 PSI.	WAIT Z M	multes,	VENEWS 1	C 11	R dans		
Retur	ns to Sur	FACE = 6 B	BL SIUK	RY. Job	Complete.	MIG COUNT.		
		<u> </u>		· ·		<u></u>	<u> </u>	
		•						T
ACCOUNT	QUANT	TY or UNITS	Land Control of Control	ESCRIPTION o	f SERVICES or Pl	RODUCT	UNIT PRICE	TOTAL
CODE	 		PUMP CHAR	GE	1971		800,00	800.00
5401	_ <i></i>		TOWN DIGAN					4 .0.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES of PRODUCT	UNIT PRICE	TOTAL
		PUMP CHARGE	800.00	800.00
5401		MILEAGE 15 WELL OF 2	3.15	126.00
5406	40	WILLAGE TO THE TOTAL OF THE TOT		
		Thick Set Cement	13.65	1638.00
1126 A	120 sks	MICK Get Cemen	17.75	426.00
1110 A	24 Sks	KOL-SEAL 10 PERISK	7 77 73	
	21	Gel flush	7.00	28.00
1118 A	4 5K5	Metasilicate PRE flush	1.65#	82.50
1111 A	50 **		1.05	277.20
5407 A	6.6 Tans	40 miles BULK TRUCK	7,03	3/1.50
	and the state of t			4/2 22
4404	1	4/2 Top Rubber Plug	40.00	40.00
		41/2 Weld ON CollAR	50.00	50.00
4311			78.00	312.00
5605 A	4 HRS	Welder RECEIVED KANSAS CORPORATION COMMISSION		
		は しい 身 (一) あいこう (一) という こうしょう しょうしょう しゅうしゅうしゅう	<u> </u>	
_		APR 2 1 2006		
		AAMAD WATER AND		
-		CONSERVATION DIVISION	C. J. T. Jal	3779.70
		WIGHTA, KS	Sub TotaL	142.66
		Thank You 6.3%	SALES TAX	
			ESTIMATED TOTAL	3922.36

AUTHORIZATION CALLED By John Ed

TITLE

TE___

GEOLOGIC REPORT

LAYNE ENERGY
Sanbothe B&B 5-31
SW NW, 2188 FNL, 595 FWL
Section 31-T30S-R16E
Wilson County, KS



Spud Date:	12/23/2005
Drilling Completed:	12/27/2005
Logged:	1/4/2006
A.P.I. #:	15-205-26258

Ground Elevation: 807'
Depth Driller: 1160'
Depth Logger: 1156'

Surface Casing: 8.625 inches at 20' Production Casing: 4.5 inches at 1156'

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
Pawnee Limestone
Excello Shale

"V" Shale
Mineral Coal
Mississippian

Surface (Chanute Shale)
545
669
726
766
1,054

RECEIVED KANSAS CORPORATION COMMISSION APR 2 1 2006

CONSERVATION DIVISION WICHITA, KS