# CONFIDENTIAL

## Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

#### **WELL COMPLETION FORM**

#### **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33365	API No. 15 - 125-31377-00-00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	
City/State/Zip: Mission Woods, KS 66205	366 feet from S / (N) (circle one) Line of Section
Purchaser:	2095 feet from E / (circle one) Line of Section
Timothy H Mright	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3960	(circle one) NE SE NW SW
Contractor: Name: Thornton Air Rotary	Lease Name: Westfall Well #: 3-12
License: 33606	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 986' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1509' Plug Back Total Depth: 1501'
Oil SWD SIOWTemp. Abd.  ✓ Gas ENHR ✓ SIGW	Amount of Surface Pipe Set and Cemented at 60 Feet
	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 1501
Operator:	feet depth to Surface w/ 150 sx cmt.
Well Name:	Drilling Fluid Management Plan Att INS 3-16-09
Original Comp. Date: Original Total Depth:	(Data must be collected from the Heserve 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:
6/27/2007 6/29/2007 Pending	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSecTwpS. R East West County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workon information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ever 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 82-3-15) and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells.
1 1 110 4	
lignature:	KCC Office Use ONLY
itle: Agent Date: 10-22-07	Letter of Confidentiality Attached
ubscribed and sworn to before me this 22 day of October	If Denied, Yes Date: RECEIVED
007	Wireline Log Receive ANSAS CORPORATION COMMISSION
Ma to say Duling	Geologist Report Received
lotary Public: // / Lawfulu Jarum	acLAUGHLIN DARLING
ate Commission Expires: 1-4-2009	otary Public - State of Kansas CONSERVATION DIVISION  y Appt. Expires 1-4-2009  WICHITA, KS

. .

Operator Name: La	yne Energy Oper	ating, LLC	Leas	se Name:	Westfall	· ··· · · · · · · · · · · · · · · · ·	_ Well #: <u>3-</u>	12	
Sec. 12 Twp.	31 S. R. 13	✓ East		nty: Mont					
tested, time tool ope temperature, fluid re	en and closed, flowin covery, and flow rate	and base of formations g and shut-in pressures es if gas to surface test, final geological well site	s, whether along with	shut-in pr	essure reached	static level, hydro	ostatic pressu	res, bott	om hole
Drill Stem Tests Take		Yes No		<b>✓</b> L	.og Formati	on (Top), Depth a	and Datum		Sample
Samples Sent to Ge	ological Survey	Yes No		Nam	ne		Тор		Datum
Cores Taken				Paw	nee Lime		1046 GL		-60
Electric Log Run (Submit Copy)		Yes No		Exce	ello Shale		1168 GL		-182
List All E. Logs Run:		CONTRIBUTE OF THE	<u>Joo</u> ji	V Sł	nale		1235 GL		-249
Compensated D	ensity Neutron		, C	Mine	eral Coal		1277 GL		-291
Dual Induction	·	OCL VI		Miss	sissippian		1485 GL		-499
		CASING Report all strings set-	RECORD			lion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Туре	and Percent Additives
Surface	11"	8.625"	24		122'	Class A	60		1 cement
Casing	6.75"	4.5"	10.5		1501'	Thick Set	150	#10 K	OL seal @ sx
		ADDITIONAL	CEMENT	TING / SOL	JEEZE RECORD				
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	Type of Cement		s Used	JELZE NEGOND		ercent Additive	S	
Shots Per Foot		ON RECORD - Bridge Plu- Footage of Each Interval Pe		e		eture, Shot, Cement		rđ	Doodh
	SI-waiting on co		inorateu		(All	nount and Kind of Ma	ieriai Useo)		Depth
							KANSAS		EIVED
	<u> </u>								3 2007
							С	ONSERVA	TION DIVISION
TUBING RECORD	Size	Set At	Packer	At	Liner Run	Yes ✓ No		Wici	HTA, KS
	d Production, SWD or E	nhr. Producing Met	thod		П- :	<u> </u>			
SI - waiting on	• • •	Bbls. Gas	Mcf	Flowing Wate				er (Explain	
Per 24 Hours	011	Jois. Gas	IVICI	vvate	r Bb	ns. G8	as-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	OMPLETION			Production Interv	al			
Vented Sold (If vented, Sul	Used on Lease bmit ACO-18.)	Open Hole Other (Spec	Per	f. D	ually Comp.	Commingled			

#### **GEOLOGIC REPORT**

LAYNE ENERGY Westfall 3-12 NE NW, 366 FNL, 2095 FWL Section 12-T31S-R13E Montgomery County, KS

Spud Date:	6/27/2007
Drilling Completed:	6/29/2007
Logged:	6/29/2007
A.P.I. #:	15125313770000
Ground Elevation:	986'
Depth Driller:	1509'
Depth Logger:	1506'
Surface Casing:	8.625 inches at 120'
Production Casing:	4.5 inches at 1501'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR,

Dual Induction SFL/GR, High Resolution

Compensated Density/Neutron

Formation	Tops				
	(below ground)	(subsea)			
	Surface (Stranger				
Douglas Group	Formation)	986			
Pawnee Limestone	1,046	-60			
Excello Shale	1,168	-182			
"V" Shale	1,235	-249			
Mineral Coal	1,277	-291			
Mississippian	1,485	-499			

RECEIVED KANSAS CORPORATION COMMISSION

CCI 2:2 2007 CONFIDENTIAL

OCT 23 2007

CONSERVATION DIVISION WICHITA, KS

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



CKET NUM	BER	12051	
LOCATION	Funta		

FOREMAN Troy Stiller

### TREATMENT REPORT & FIELD TICKET CEMENT

	_			CEMIEN				
DATE	CUSTOMER #	WE	LL NAME & NUN	BER	SECTION	TOWNSHIP	RANGE	COUNTY
7-3-07		West Fall	5-/2					MG
ÇUSTOMER								
Layn MAILING ADDR	e Foersy				TRUCK#	DRIVER	TRUCK #	ORIVER
					445	Justin		
₽.O.	. Box 160	2			479	Jeff		
CITY		STATE	ZIP CODE		452/565	Jim		
Sycamor	<u> </u>	K						
JOB TYPE <b></b>	outher	HOLE SIZE	634.	HOLE DEPTH	1509'	CASING SIZE & V	VEIGHT 48	Page 15-154
CASING DEPTH	1501	DRILL PIPE		_ TUBING			OTHER	
SLURRY WEIGH	17 13.2"	SLURRY VOL	47.584	WATER gal/sk	<u> </u>	CEMENT LEFT In	CASING O'	.,.
						RATE		
						culeton +		
to PRTO	ISOL' Rich	n 8ct 6	el Fluch	-/ H. II C	SPAL LAND	r spacer,	20 44	10 CATION
Dea Elind	2001	15		- Maria	1000	Och mel	2084 ME	tarilico he
FIE - FIGIS	30 851	12.2 # 6	COS 1 1/2	deles, ji	A CO	Osks Thic	E Set lea	rest_
W/ 10"	rol -756/ (	7.7.6	ffel. we	ا مياه ١١	will + lin	es. R=156	se Ply.	Displace
w/ 24 K	leter.	Fire! P	nubri Ki	rsswe t	COPST BU	mp Ply to	HOUPST.	hist
2mm	Release	Pre source	Float	Hold.	Good Co	mount to	sufer	- 88L)
	te Pit.							
, ,		Tab Cople	He		V			
		7					· · · · · · · · · · · · · · · · · · ·	
								***
ACCOUNT	QUANTITY	or UNITS	DE	SCRIPTION of S	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	840.00	840.00
5406	40	MILEAGE	3.90	/32.00
1126A	LSOSKI	Thick Set Coment	15:40	2310.a
1110A .	1500 #	Thick Set Coment  Kol-Seal 10 & Park  KANSAS CORPORATION COM	IISSION 38 0	570.00
1118A	400	Gol - Flust OCT 23 2007	م <u>د</u> ر	60.00
1105	50"	Hulls SERVATION DIVIS	10N .36 M	18.00
1102	80 °	Cacle Are-Flord CONSERVATION DIVISION DIVISIONI	,674	53.60
WA	100*	Metasilicate Pre-Plus	1.65#	165.00
407A	8.25 100	Ton-Milege Bulk Truck	1.10	363.00
/23	600gs1	City Water	12.80 %	76.80
501C	450	Anter Transport	100.00	400.∞
4404		45 Top Rubber Ply.	40.00	40.00
		-T7 /-V /	Sub Total	5028.40
		Thanking 5.32	SALES TAX ESTIMATED	174.55

AUTHORIZATION Called by Mayor

TITLE\_

TOTAL 5202.95

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



LOCATION FLOOR

FOREMAN LACK COOPING

TREATMENT REPORTS FIELD TICKET

CEMENT

DATE	CUSTOMER#	MET MET	L NAME & NUMB	ER	SECTION	TOWNSHIP		
-27-07	4758	WESTEAL	3-12	429	Charles and the Charles and			
~T^\\ZD					TRUCK#	DRIVER	TRUCK#	DRIVER
ILING ADDRE	AYOR FOR	<u> </u>			463	Kyte		
		<b>A</b>			479	J677		
<b>F. C</b>	1. Box 16	STATE	ZIP CODE		436	Alan		
	caracle	KS		[				
B TYPE_SA	Angel E	HOLE SIZE	11"	HOLE DEPTH_	122'	CASING SIZE & W	EIGHT	
ASING DEPTH	122'	DRILL PIPE	•	THOMAS			OTHER	
HODY WEIGH	HT 14.84			WATER gal/sk_	6.5	CEMENT LEFT in	CASING	
COLACEMEN	T /2/9 (TA)	DISPLACEME	NT PSI	MIX PSI		RATE		
EMARKS:	safely me		lie in to	85/2"	Carry	Bran CV	redetion	10
fresh		rived 60	SKS C	lass A	cernt	1/ 22 pel	12400	
	1 196N.	Orolece	مال لا الم	Bb) fest	Lete.	ship casing	in my	
	cetucas	to a shall	Tak	complete	la la	dan		
CREST	1210021							
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			" Thank	X."				
			•				<del>,</del>	<del></del>
					250//CTC I	PODUCT	INIT PRICE	TOTAL
ACCOUNT	QUANTI	TY or UNITS	D	ESCRIPTION of	SERVICES or F	RODUCT	UNIT PRICE	TOTAL
CODE	QUANTI	TY or UNITS	PUMP CHARG	GE	SERVICES or F	PRODUCT	4900	6.50.00
SYU13	QUANTI			GE	SERVICES or F	RODUCT	<del> </del>	
CODE	/		PUMP CHARG	GE RCL <sub>LLE</sub> V	SERVICES or F	RODUCT	3.34	4.00
SYUIS SYUE	2		PUMP CHARG	GE	SERVICES or F	RODUCT	3.34	6.50.00 66.00
54013 5406	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5K5	PUMP CHARG	GE BCLuev "A" Cenat	SERVICES or F	RODUCT	3.26	298.00 14.50
CODE 54015 5406 11045 1118A	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5K5	PUMP CHARG	ge 3ch <sub>ue</sub> v 4" Cenet	SERVICES or F	RODUCT	3.34	6.50.00 66.00
54013 5406	20	5K5	PUMP CHARGE MILEAGE Class 220 91 220 Cac	GE Col <sub>ue</sub> v 'A" Connt		RODUCT	3.34 /2.34 /5 .67	253.00 253.00 15.50 73.70
CODE 54015 5406 11045 1118A 1108	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5K5	PUMP CHARGE MILEAGE Class 220 91 220 Cac	GE Col <sub>ue</sub> v 'A" Connt		RODUCT	3.26	298.00 14.50
CODE 54015 5V06 11045 1118A	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5K5	PUMP CHARGE MILEAGE Class 220 91 220 Cac	ge 3ch <sub>ue</sub> v 4" Cenet		RODUCT	12.24 .15 .47	283.00 14.50 73.70
CODE 54013 5V66 11043 1118A 1108 5407	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5/K5	PUMP CHARGE  MILEAGE  Class  290 901  220 cacc  ton-mile	GE ROLLEN  4" Connt  4." Connt	tx		3.34 /2.34 /5 .67	283.00 14.50 73.70 285.00
CODE 54015 5406 11045 1118A 1102 5407	10 10 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLEN  4" Connt  4." Connt	tx		12.24 .15 .47	283.00 14.50 73.70
CODE 54013 5V66 11043 1118A 1108 5407	10 10 110 110	5/K5	PUMP CHARGE  MILEAGE  Class  290 901  220 cacc  ton-mile	GE ROLLEN  4" Connt  4." Connt	trx RECE	TVED COMMISSION	12.24 .15 .47	283.00 14.50 73.70 285.00
CODE 54015 5406 11045 1118A 1102 5407	10 10 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLEN  4" Connt  4." Connt	trx RECE	TVED COMMISSION	12.24 .15 .47	283.00 14.50 73.70 285.00
CODE 54015 5406 11045 1118A 1102 5407	10 10 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLEN  4" Connt  4." Connt	ANK RECE DANSAS CORPOR	TION COMMISSION	12.34 .15 .15 .67	283.00 14.50 73.70 285.00
CODE 54015 5406 11045 1118A 1102 5407	10 10 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLEN  4" Connt  4." Connt	ANK  RECE ONES CORPOR  OCT	TYED COMMISSION  TON COMMISSION  ONVISION	12.34 .15 .15 .67	283.00 14.50 73.70 285.00
CODE 54015 5406 11045 1118A 1102 5407	10 10 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLEN  4" Connt  4." Connt	ANK  RECE ONES CORPOR  OCT	TYED COMMISSION  TON COMMISSION  ONVISION	12.34 .15 .15 .67	283.00 14.50 73.70 285.00
CODE 54015 5406 11045 1118A 1102 5407	10 10 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLEN  4" Connt  4." Connt	ANK  RECE ONES CORPOR  OCT	TVED COMMISSION	12.24 .15 .47 .m/G	25.00 25.00 25.00
CODE 54015 5406 11045 1118A 1102 5407	1 22 110 110 110 110 110 110 110 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLEN  4" Connt  4." Connt	ANK  RECE ONES CORPOR  OCT	TVED MANAGERON ATTON COMMINGERON COMMINGER	12.26 .15 .67 .m/G	283.00 14.50 73.70 285.00 360.40 38.40
CODE 54015 5406 11045 1118A 1102 5407	1 22 110 110 110 110 110 110 110 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLIN  A" Commt  Le  Rege bulk  WAC. TRK	ANCE RECT OCT OCT	TVED COMMISSION  2 3 2007  ENATION DIVISION WICHTA, KS	3.34 /2.84 .15 .67 .67 .67 .62 .63 .63 .63 .63 .63 .63 .63 .63	25.00 25.00 25.00 25.00 340.00 32.40
CODE 54015 5406 11045 1118A 1102 5407	1 22 110 110 110 110 110 110 110 110 110	5K5	PUMP CHARGE  MILEAGE  Class  220 gel  220 cac  ton-mile	GE ROLLIN  A" Commt  Le  Rege bulk  WAC. TRK	ANK  RECE ONES CORPOR  OCT	TVED COMMISSION  2 3 2007  ENATION DIVISION WICHTA, KS	12.26 .15 .67 .m/G	283.00 14.50 73.70 285.00 340.40 38.40

### **Daily Well Work Report**

WESTFALL 3-12 6/29/2007

Well Location: MONTGOMERY KS 31S-13E-12 NE NW 366FNL / 2095FWL Cost Center Lease Number Property Code API Number

G01057300100 G010573 KSSY31S13E1203 15-125-31377

Spud D	ate F	RDMO Date Fi	rst Compl	First Prod	EFM Install	CygnetID
6/27/20	007	6/29/2007				
TD	PBTD	Sf Csg Depth	Pr Csg Depth	Tbg Size	Csg Size	
1509	1501	122	1501	0	0	
Reported	By krd	Rig N	lumber	D	ate	6/27/2007
Taken By	krd			D	own Time	
Present O	peration	Drill out from un	der surface	С	ontractor	Thornton Rotary

#### **Narrative**

Miru Thornton Drilling, drilled 11" hole, 122' deep, rih w/ 7 jts 8-5/8" surface casing,. RU Consolidated, break circulation w/10 bbls fresh water. Mixed 60 sks class a cement w/2% gel, and 2% caclz @ 14.8# per gal. Displace with 6.5 bbls fresh water. Shut casing in w/good cement returns to surface. RD Consolidated.. SDFN DWC: \$ 6,267



RECEIVED KANSAS CORPORATION COMMISSION

OCT 2 3 2007

CONSERVATION DIVISION WICHITA, KS

## CONFIDENTIAL

#### Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

**ORIGINAL** 

	Form ACO-1
	September 1999
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	- CONTO

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Operator: License # 33365	API No. 15 - 125-31377-00-00
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Address: 1900 Shawnee Mission Parkway	
City/State/Zip: Mission Woods, KS 66205	366feet from S / (O) (circle one) Line of Section
Purchaser:	2095 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 SW
Contractor: Name: Thornton Air Rotary	Lease Name: Westfall Well #: 3-12
License: 33606	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 986' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1509' Plug Back Total Depth: 1501'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 60 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 1501
Operator:	feet depth to Surface w/ 150 sx cmt.
Well Name:	
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 Back Plug 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:
6/27/2007 6/29/2007 11/5/2007 Spud Date or Recompletion Date  Date Reached TD Completion Date or Recompletion Date	Lease Name: License No.:     Quarter Sec. Twp. S. R. East West   County:   Docket No.:
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	n 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 82-3-3 and geologist well report shall be attached with this form. ALL CEMENTING S. Submit CP-111 form with all temporarily abandoned wells.
herein 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:	KCC Office Use ONLY
Title: Agent Date: 1/27/2008	Letter of Confidentiality Attached
Subscribed and sworn to before me this 27 day of AV	If Denied, Yes Date: RECEIVED  Wireline Log Received  RECEIVED  KANSAS CORPORATION COMMISSION
20 08	Geologist Report Received FEB 2 8 2008
Notary Public: Pruspus Augusta	BITY Public - State of Kansas CONSERVATION DIVISION
Date Commission Expires: 134-2009	Appt. Expires 1-4-3009 WICHITA, KS

Side Two

CONFIDENTIAL

Operator Name: Lay	ne Energy Opera	ating, LLC	Lease	Name: Westfall		Well #: 3-1	2	
		✓ East	County	y: Montgomery				
ested, time tool ope emperature, fluid re	n and closed, flowing covery, and flow rate	and base of formations p g and shut-in pressures, s if gas to surface test, a inal geological well site	whether slalong with f	nut-in pressure reache	ed static level, hydr	ostatic pressu	res, botto	m hole
Orill Stem Tests Take		Yes No		<b>√</b> Log Form	ation (Top), Depth	and Datum		Sample
(Attach Additional	,	☐ Yes 🗸 No		Name		Тор		Datum
Samples Sent to Geological Survey  Cores Taken		Yes No		Pawnee Lime		1046 GL		-60
lectric Log Run (Submit Copy)	•	✓ Yes  No		Excello Shale		1168 GL		-182
ist All E. Logs Run:		•		V Shale	• •	1235 GL	•	-249
Compensated D	ensity Neutron			Mineral Coal		1277 GL		-291
Dual Induction				Mississippian		1485 GL	•	-499
			RECORD	✓ New Used urface, intermediate, proc	fuction, etc.			······································
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei	ght Setting	Type of Cement	# Sacjs Used		and Percent Additives
Surface	11"	8.625"	24	122'	Class A	60	Туре	1 cement
Casing	6.75"	4.5"	10.5	1501'	Thick Set	150	#10 KG	OL seal @ s
					•			
Purpose:	Depth Top Bottom	ADDITIONAL  Type of Cement	#Sacks	NG / SQUEEZE RECORD  Used Type and Percent Additives			s	
Perforate Protect Casing								
Plug Back TD Plug Off Zone								
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			Fracture, Shot, Cemen (Amount and Kind of M		rd	Depth
· <del>····································</del>	See Attached Pa	age						
						KANSAS		EIVED
							FFR 2	8 2008
1								TION DIVISION
TUBING RECORD	Size 3/8"	Set At	Packer A	t Liner Run	Yes ✓ No		WICH	ITA, KS
Date of First, Resumer	d Production, SWD or E	1454' Inhr. Producing Met		Flowing Pun			er (Explain	
11/29/2007			Mcf	Water		Gas-Oil Ratio		Gravity
11/29/2007 Estimated Production Per 24 Hours	Oil O	Bbls. Gas	IVICI	14				•

# CONFIDENTIAL

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
Lease Name:	Westfall 3-12		
	Sec. 12 Twp. 31S Rng. 13E, Montgomery County		
API:	15-125-31377-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Initial	Perforations	
4	Riverton 1457' - 1458.5'	2351 lbs 20/40 sand	1457' - 1458.5'
		245 bbls water	
		200 gals 15% HCl acid	
4	Neutral 1410' - 1411.5'	2482 lbs 20/40 sand	1410' - 1411.5'
		235 bbls water	
		200 gals 15% HCl acid	
4	Mineral 1277' - 1278.5'	8581 lbs 20/40 sand	1217.5' - 1278.5'
	Croweburg 1235.5' - 1238'	633 bbls water	
	Bevier 1217.5' - 1219'	500 gals 15% HCl acid	
4	Mulkey 1169' - 1171.5' Summit 1154' - 1155.5'	9049 lbs 20/40 sand	1154' - 1171.5'
		590 bbls water	
		500 gals 15% HCl acid	

RECEIVED KANSAS CORPORATION COMMISSION

FEB 2 8 2008

CONSERVATION DIVISION WICHITA, KS