

## Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #	API No. 15 - 125-30510
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	SE _NW Sec. 21 Twp. 31 S. R. 17 V East West
City/State/Zip: Mission Woods, KS 66205	2002 feet from S / N (circle one) Line of Section
Purchaser:	3312 feet from (E) W (circle one) Line of Section
Operator Contact Person: Jeff Mohajir	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3987	(circle one) NE SE (NW) SW
Contractor: Name: MOKAT Drilling SEP 0 2 2004	Lease Name: Pierce Well #: 6-21
5831	Field Name: Coffeyville-Cherryvale
Wellsite Geologist: CONFIDENTIAL	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 842 Kelly Bushing:
✓ New Well Re-Entry Workover	Total Depth: 1088 Plug Back Total Depth: 1081
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 20 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 1085
Operator:	feet depth to Surface w/ 125 sx cmt.
Well Name:	•
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  Chloride content N/A ppm Fluid volume bbls
DeepeningRe-perfConv. to Enhr./SWD	Chlarida appeted N/A
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:
	Operator Name:
5.18.04RECEIVED	License No.:License No.:
Soud Date or Date Reached ID Completion Date or	
Recompletion Date Recomplete 3 200	County: Docket No.:
	a sa
CONSERVATION DIVIS	
INSTRUCTIONS: An original and two copies of this form shall be the with the 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	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 a	
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 gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	
Signature: David 15 fease	KCC Office Use ONLY
Agent 9/2/2000	
Title: Agent Date: 7/2/09	Letter of Confidentiality Attached
Subscribed and sworn to before me this 2nd day of	) If Denied, Yes Date:
20 04	Wireline Log Received
	Geologist Report Received
Notary Public: (alla) f. Vinorai:	UIC Distribution
Date Commission Expires: May 21, 2005	· <del>·</del> ·
STATE	).
SIA	

#### Side Two

Operator Name: Layn	e Energy Oper	ating, LLC	<i>J</i>	Leas	se Name:	Pierce		Well #: _6-2	21
Sec. 21 Twp. 31	S. R. <u>17</u>	. 🗸 East	West		nty: Mont				
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowin very, and flow rate	g and shut s if gas to	-in pressures, surface test, a	whether long with	shut-in pro	essure reach	ed static level, hyd	rostatic pressu	res, bottom hole
Drill Stem Tests Taken (Attach Additional Si	heets)	Ye	es 🗹 No		<b>✓</b> L	.og Forn	nation (Top), Depth	and Datum	Sample
Samples Sent to Geole	ogical Survey		es 🗸 No		Nam	ne		Тор	Datum
Cores Taken			☐ Yes ☑ No			nee Lime		449 GL	393
			es No		Exc	ello Shale		576 GL	266
List All E. Logs Run:						V Shale		633 GL	209
Compensated De	neity Noutron	KCG			Mineral Coal			678 GL	
Dual Induction	isity incution	2	EP 0 2 20			ssissippian		986 GL	-144
						• • •			
			eASING		lonesco.d				
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Per Additives
Surface	11	8.65		24	***************************************	20	Class A	4	Type 1 cer
Casing	6.75	4.5		10.5		1085	Thick Set	125	
			ADDITIONAL	CEMENT	TING / SQL	JEEZE RECO	ORD .	<del></del>	
Purpose: Depth Perforate Top Bottom Protect Casing		Type of Cement #S		#Sack	ks Used	Used Type and Percent Additives			s
Plug Back TD Plug Off Zone									
Shots Per Foot	PERFORATI Specify	ION RECORD - Bridge Plugs Selftung Footage of Each Interval Perint CEIV KANSAS CORPORATIO			VED	VED Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
			KANSAS C						
	***************************************		5	EP U	3 2004				
		CONSERVATION				I DIVISION			
				WICHIT	A, NO		•		
TUBING RECORD Size Set At Pack				Packer	At	Liner Run	Yes V N	)	
Date of First, Resumerd F	•	nhr.	Producing Meth	od	Flowing	ı Pur	nping Gas L	ift 🗆 Oth	er (Explain)
Estimated Production Per 24 Hours		Bbls.	Gas I	Mcf	Wate			Gas-Oil Ratio	Grav
Disposition of Gas	METHOD OF C	OMPLETIO	٧			Production Ir	nterval	······································	
☐ Vented ☐ Sold (If vented, Subm	Used on Lease	<u>.</u>	Open Hole	Per	rf. 🔲 D	ually Comp.	Commingled		

### **GEOLOGIC REPORT**

# LAYNE ENERGY Pierce 6-21 SE ¼, NW ¼, 2,002' FNL, 3,312' FEL Section 21-T31S-R17E MONTGOMERY COUNTY, KANSAS

Drilled: May 11-13, 2004 Logged: May 18, 2004 A.P.I.# 15-125-30510 Ground Elevation: 842' Depth Driller: 1,088' Depth Logger: 1,086'

Surface Casing: 8 5/8" @ 20'

Production Casing: 4 1/2" @ 1,085'

Mississippian ......986

Cemented Job: Blue Star

Open Hole Logs: Compensated density neutron log, dual induction sfl/gr log

### FORMATION.....TOPS (in feet below ground surface) Kansas City Group.....Surface (Cherryvale Formation) Lenapah Lime ......250 Altamont Lime......305 Weiser Sand ......356 Pawnee Lime ......449 Anna Shale......477 Lexington Coal ......489 First Oswego Lime ......516 Little Osage Shale.....552 Excello Shale ......576 Mulky Coal ......580 Iron Post Coal ......604 KANSAS CORPORATION COMMISSION Bevier Coal ......617 "V" Shale......633 Croweburg Coal......636 Fleming Coal ......646 CONSERVATION DIVISION Mineral Coal ......678 Scammon Coal......693 Tebo Coal ......718 AW Coal ......927 Riverton Coal.......972

1 7	ONSOLIDA Well ser	TED		Box 103	Cementing and Invoice		5526
Date	Customer Order No.	Sect.	Twp. Range	Kansas 67045	On Location	Job Began	Job Completed
5- 18-04 wner	1 4/58	312	Contractor		Charge To	<u>,                                      </u>	
LOVA	Wass ENergy	2	Guss	Tones		Larne	FNers
ailing Address	3G	8	City		State		7/
ell No. & Form	6x /60	Place	2 Sycam	County	<u> </u>	State	
Pierra	51-21	riaces		The same of the same	om-vy	Kan	-
epth of Well	Depth of Job		Size 4/2	Size of Hole	644	Cement Left	Request
1088		<u>                                    </u>	ed Weight 10.5"	Amt. and Kind of Cement	/25 SKs.	in casing by	Necessity
dol lo br	LongsTing >	ŘB.T.O.	1081	Drillpipe Tubing	· · · · · · · · · · · · · · · · · · ·	( Rotary ) Truck	No. 446
. Andrewson .		Us B	marks SafeTy Me	Tue & Rie w	To 41/2" Ca	ela Kranka	inculation with
્યું. ce Reference No.		18	reshwater Rus	# d	le la silicaTe	K	Removed 10 Blot
401	10000	- JE 0	Dre water Ahead	In.		GETCEMENT	
e of Job	613.00	-   _	KOL-SEAL &	133/bs. PY6	4. ShuT	down Wa	Shout DUMP \$2
cond Stage			Release Plug =	Displace Plug	with 17"	25 Bbb. Sies	hwater
eage <u>25)</u>	56.25	_	Final pumping .	I 500 PST	- Bunged	Plus To 90	O RI
er Charges		<u> </u>	Wait 2 mill	Release Plesson	e - Float	- Held-cle	se casing in O
al Charges	731. 25			TETWAS TO SU	yface with	. 8 Bl. sh	ury 🛴 💆
ai Charges			DEP U	42004			
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per <u>Rick</u>	STeve- Alow - Ja		STICL EWAKE		Complete	U	m .
er Rick-					7	U	
per <u>Rick</u>	STeve- Alow - Ja	owner, operator, or			7	no Kansas	gent of contractor or ope
per <u>Rick</u>	STeve- Alow - Ja	owner, operator, or	his agent whose signature a		7	no Kansas	agent of contractor or ope
per <u>Rick</u> e above job was di	STeve- Alow - Ja	owner, operator, or	his agent whose signature a	ppears, below	7	no Kansas	igent of contractor or ope
per Rick e above job was di	STEVE - Allow - Je one under supervison of the c	Thom	his agent whose signature and the signature and signature	prears below.  Materials Only	Sta	PRICE	TOTAL
per Rick- e above job was di Quantity Sacks	STeve Alaw - Je one under supervison of the c	Thon  Cement	his agent whose signature and the signature and signature	Materials Only	X Sta	PRICE	TOTAL 14/2.50
over Rick over job was displayed above job was displayed and the same of the same of the same over job was displayed as a same of the same	STeve Alaw - Je one under supervison of the c	Thom	his agent whose signature and the signature and signature	prears below.  Materials Only	Sta	PRICE	TOTAL 1412.50
over Rick over job was displayed above job was displayed and the same of the same of the same over job was displayed as a same of the same	STeve Alaw - Je one under supervison of the c	Cement 10 # Py	Sales Ticket fo	Materials Only	X Sta	PRICE 11.30 15.00	TOTAL 1412.50 375.00
per Rick e above job was di Quantity Sacks 125 SK	STeve Alow - Je one under supervison of the c  thick SeT  KOL-SFAL	Cement 10 # Py	Sales Ticket fo	Materials Only	X Sta X 1126 A 1110 A	PRICE	TOTAL 1412.50 375.00
Quantity Sacks  125 SK  50 /6s	STeve Alaw Ja one under supervison of the c  Thick SeT  KOL-SFAL  MeTasilica	Cement 10 # Py	Sales Ticket for BRAND AND TYPE  SK  RECEIVED  NSAS CORPORATION CO	Materials Only	X Sta X 1126 A 1110 A	PRICE 11.30 15.00	TOTAL 1412.50 375.00
Ouantity Sacks  125 SK 25 SKs 50 /6s	STEVE Alaw Joone under supervison of the content of	Cement 10 # Py	Sales Ticket for BRAND AND TYPE  SK  NSAS CORPORATION CO	Materials Only	X Sta X 1126 A 1110 A	PRICE 11.30 15.00	1412.50 375.00
Ouantity Sacks  125 SK  25 SKS  50 165.	STEVE Alaw Jo one under supervison of the c  Thick SeT KOL-SFAL MeTasilica	Cement 10 Pie  KA	Sales Ticket for BRAND AND TYPE  SK  SACELVED  NSAS CORPORATION CO  SEP 0 3 200	MMISSION		PRICE //.30 /5.00 /.35 1b,	707AL 1412.50 375.00 67.50 300.00
Quantity Sacks 125 SK 25 SKs 50 /bs	STEVE Alan Ja one under supervison of the o  Thick Set KOL-SFAL MeTasilica 80 Bbl. VAC	Cement 10 Pie  KA	Sales Ticket for BRAND AND TYPE  SK  PLANT RECEIVED  NSAS CORPORATION CO  SEP 0 3 2000	MMISSION	1126 A 1110 A 1111 A	PRICE //.30 /5.00 /.35 //b.	707AL 1412.50 375.00 67.50 300.00
Ouantity Sacks  125 SK 25 SKs  50 /6s.	STEVE Alan Joone under supervison of the control on the control of	Cement 10 Pie  KA	Sales Ticket for BRAND AND TYPE  SK  SACELVED  NSAS CORPORATION CO  SEP 0 3 200	MMISSION	1126 A 1110 A 1111 A 1111 A	PRICE //.30 /5.00 /.35 1b,	707AL 1412.50 375.00 67.50 300.00
Quantity Sacks  125 SK 25 SKs  50 /6s.	STEVE Alan Joone under supervison of the control on the control of	Cement 10 Pie  KA Truck	Sales Ticket for BRAND AND TYPE  SK  SEP 0 3 200  CONSERVATION DIVISION KS	Mission	1126 A 1110 A 1111 A 1502 C 123	PRICE 11.30 15.00 1.35 1b. 75.00 75.00 11.25 Physical	TOTAL 1412.50 375.00
Quantity Sacks  125 SK 25 SKs  50 /6s.  4 His 2700 GA	STEVE Alaw Joon on the control on the control on the control of th	Cement 10 Pie  KA Truck	Sales Ticket for BRAND AND TYPE  SK  PLANT RECEIVED  NSAS CORPORATION CO  SEP 0 3 2000	MAIterials Only	Sta   1/26 A   1/10 A   1/11 A   502 C   123	PRICE 11.30 15.00 1.35 1b. 75.00 75.00 11.25 Py	TOTAL  1412.50 375.00
Ouantity Sacks  125 SK 25 SKs  50 /6s.  4 His.  2100 GA)	STEVE Alaw Joone under supervison of the control on under supervison of the control of the contr	Cement 10# Pry T- Pieck Tiuck	Sales Ticket for BRAND AND TYPE  SK  SALES TICKET FOR BRAND AND TYPE  SK  SCRECEIVED  NSAS CORPORATION CO  SEP 0 3 200  CONSERVATION DIVISION WICHTA, KS	Materials Only  Mission		PRICE //.30 /5.00 /.35 /b,  75.00 75.00 /.25 Pyloo 45.00	707AL 1412.50 375.00 67.50 300.00 300.00 30.38
Quantity Sacks  125 SK 25 SKs  50 /6s.  4 His 2700 GA)	STEVE Alaw Joone under supervison of the control on under supervison of the control of the contr	Cement 10 Pie  KA Truck	Sales Ticket for BRAND AND TYPE  SK  SALES TICKET FOR BRAND AND TYPE  SK  SCRECEIVED  NSAS CORPORATION CO  SEP 0 3 200  CONSERVATION DIVISION WICHTA, KS	MMISSION	1126 A 1110 A 1111 A 1111 A 1502 C 1502 C 123	PRICE 11.30 15.00 1.35 1b. 75.00 75.00 11.25 Py	707AL 1412.50 375.00 67.50 300.00 300.00 30.38
Quantity Sacks  125 SK  25 SKs  50 /6s.  4 His  2700 GA	STEVE Alaw Joone under supervison of the control on under supervison of the control of the contr	Cement 10# Pry T- Pieck Tiuck	Sales Ticket for Sales Ticket for BRAND AND TYPE  SK  NSAS CORPORATION CO  SEP 0 3 200  CONSERVATION DIVISION WICHITA, KS	Materials Only  Mission		PRICE 11.30 15.00 15.00 15.00 11.25 Pyloso 45.00 65.00 35.00	300.00 300.00 300.00 300.00 300.00 30.38
Quantity Sacks  125 SK  25 SKs  50 /6s.  4 His.  2700 GA)	STEVE Alaw Joon on the control on the control on the control of th	Cement 10# Pry T- Pieck Tiuck	Sales Ticket for BRAND AND TYPE  SK  SALES TICKET FOR BRAND AND TYPE  SK  SCRECEIVED  NSAS CORPORATION CO  SEP 0 3 200  CONSERVATION DIVISION WICHTA, KS	MMISSION  L 37 To Milea		PRICE //.30 /5.00 /.35 /b,  75.00 75.00 /.25 Pyloo 45.00	707AL 1412.50 375.00 375.00 300.00 300.00 30.38
Quantity Sacks  125 SK  25 SKs  50 /6s.  4 His  2700 GA	STEVE Alan - Ja one under supervison of the o  Thick SeT KOL-SFAL  MeTasilica  80 Bbl. VAC 80 Bbl. VAC City water  412" Welder  412" Top K	Cement 10# Pry T- Pieck Tiuck	Sales Ticket for Sales Ticket for BRAND AND TYPE  SK  NSAS CORPORATION CO  SEP 0 3 200  CONSERVATION DIVISION WICHITA, KS	Materials Only  Mission  Johnson  Johns		PRICE 11.30 15.00 15.00 15.00 11.25 Pyloso 45.00 65.00 35.00	1412.50 375.00 375.00 300.00 30.38 45.00 360.00
Quantity Sacks  125 SK  25 SK  50 /6s.  4 His  2700 GA	STEVE Alan Joone under supervison of the content of	Cement 10 + Pry	Sales Ticket for Sales Ticket for BRAND AND TYPE  SK  NSAS CORPORATION CO  SEP 0 3 200  CONSERVATION DIVISION WICHITA, KS	Materials Only  Mission  July		PRICE //.30 /5.00 /.35 /b. 75.00 75.00 /.25 P/	7412.50 375.00 375.00 375.00 300.00 30.38 45.0 260.00 35.00
Quantity Sacks  125 SK 25 SKs  50 /6s.  4 His 2700 GA)	STEVE Alan Joone under supervison of the content of	Cement John Pier Rush Con Col	Sales Ticket for Sales Ticket for BRAND AND TYPE  SK  NSAS CORPORATION CO  SEP 0 3 200  CONSERVATION DIVISION WICHITA, KS	Materials Only  Mission  Johnson  Johns		PRICE //.30 /5.00 /.35 /b. 75.00 75.00 /.25 P/	707AL  1412.50  375.00  375.00  300.00  300.00  30.38  45.00  260.00  35.00

### MORNING COMPLETION REPORT

Report Called in b	y: : JOHN ED			Report taken by	Mellssa T.			
LEASE NAME & #		AFE#	DATE	DAYS	CIBP DEPTH	TYPE FLUID		
PIERCE 6-21		<u> </u>	5/11/04	<u> </u>	TYPE	WT		
PRESENT OPERA	TION:		nett Aut	FROM UNDER S	URFACE	VIS		
DEEPEST CASING	LINERS OD TOP & SHO	E DEPTH	REPAIR DOW		CONTRACTOR			
OD SHOE DEPTH					RIG NO			
			TES	T PERFS		OR PLUG BACK PERF		
PACKER OR ANCHO	R FISHING TOOLS	OD ID	<del> </del>	TO	30000	TO		
			то			TÖ		
				70		TO		
				TO		то		
HRS	BRIEF DESCRIPTION	ON OF OPERATI	ON					
	MIRU MOKAT DRIL	LING, DRILLED	11" HOLE, 20	' DEEP, RIH W/ 1	JT 8 5/8" SURFACE CASING	),		
	MIXED 4 \$X\$ TYPE	1 CEMENT, DU	MPED DN TH	HE BACKSIDE, SE	DFN.			
			4441					
						260		
					SEP U	2 2004		
					CONFID	ESTAL		
DAILY COST ANA	TAZIZ				DETAILS OF RENTALS, SE	RVICES, & MISC		
RIG				N	OKAT DRILLING @ 6.50/ft			
RIG				T		86		
					OKAT (CEMENT)	· · · · · · · · · · · · · · · · · · ·		
SUPERVISION	20		CEIVED	<del></del>	IRTWORKS (LOC,RD, PIT)	400		
		KANSAS CORPO	RATION COM	IMISSION S	URFACE CASING	200		
RENTALS			0 3 2004	11	AND/ LEGAL	2000		
SERVICES	40	WANTERNA	TION DIVISIO	N F				
MISC	228	WICH	IITA, KS	L	A A A A A A A A A A A A A A A A A A A			
				L				
B 4 11 12 TO THE 1 O	200		VIC TOTA		TC <b>TO</b> 2	990		

### Layne Energy Operating, L.L.C.

1900 Shawnee Mission Parkway • Mission Woods, Kansas 66205 • (913) 748-3987 • Fax: (913) 748-3950

### September 2, 2004

SEP 0 2 200A

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

ATTN: Ms. Sharon Ahtone

Re: Pierce 6-21

Dear Ms. Ahtone:

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

API#: 15-125-30510

Pierce 6-21

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,

David B. Jensen

Agent

Enclosure

RECEIVED KANSAS CORPORATION COMMISSION

SEP 0 3 2004

ON DIVISION

Cc Field Office Well File Colt Energy