### 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

ORIGINAL

Name Layne Energy Operating, LLC  Address 1900 Snawnee Mission Parkway  SE_SW_NE_NE_Sec_34 Twp_31_S_R_15_F[East]  Phythasar- Operator Contact Person. M. B. Nattrass  RECEIVED  Phone: (913_) 748-3987 KNNSAS CORPORATION COMMISSION Contractor: Name. MOKAT Drilling  DEC 16_2005  License: 5931 CONSERVATION DIMISION  WICHTA, KS  New Well  New Well  New Well  New Well  New He-Entry  Workover  Oil SWD SIOW Temp. Abd.  Amount of Surface Pipe Sat and Comented at 20'  Michita Supportion. Official Depth: Corn. Vis. Broke, Cathodic, etc)  Well Name:  Operator.  Well Sac.  Pup Back Total Depth:  Operator.  Well Sac.  Operator.  Name:  Operator.  Operator.  Name:  Operator.  Name:  Operator.  Name:  Operator.  Name:  Operator.  Operat	Operator: License # 33365	API No. 15 - 125-30828 -00-00			
Address: 1900 Shawnee Mission Parkway  City/Stafe/Zip. Mission Woods, KS 66205  Purchaser:  Chystafe/Zip. Mission Woods, KS 66205  Purchaser:  Chystafe/Zip. Mission Woods, KS 66205  Purchaser:  Coerator Contact Parson. M. B. Nattrass  RECEIVED  Phone: (913) 748-3987  KAWSAS CORPORATION COMMISSION  Contractor: Name: MOKAT Drilling  DEC 1 6 2005  License: 5831  CONSERVATION DIVISION  Wichtra, KS  License: 5831  CONSERVATION DIVISION  Wichtra, KS  Lease Name: Eastep  Lease Name: Eastep  Well #: 1-34  Field Name: Jeffreson-Sycamore  Producing Formation: Cherokee Coals  Field Name: Jeffreson-Sycamore  Producing Formation: Cherokee Coals  Elevation: Ground: 914  Elevation: G		County: Montgomery			
City/State/Zip. Mission Woods, KS 66205  Purchaser:  Operator Contact Person: M. B. Nattrass  Operator Contact Person: M. B. Nattrass  RECEIVED  Phone: (§13.) 748-3987  KANSAS CORPORATION COMMISSION  Contractor: Name: MOKAT Drilling  DEC 16 2005  License: 5831  CONSERVATION DIVISION  Wichita, KS  License: 5831  CONSERVATION DIVISION  Wichita, KS  License: 5831  Consigned Type of Completion:  Consigned Type of Completion:  Michita, KS  A Bay B. SIGW  Dry  Other (Core, WSW, Expt., Cathodic, etc)  If Workover/Re-entry: Old Well Info as follows:  Operator:  Wichita, KS  Plug Back  Depending  December Docket No.  Depending  Docket No.  Dular Completion  Docket No.  Other (SWD or Enhr.?)  Docket No.  Other (SWD		SE SW NE NE Sec. 34 Twp. 31 S. R. 16 7 East West			
Purchaser:  Operator Contact Person: M. B. Nattrass Pecchype Phone ( 913 ) 748-3987					
Poperator Contact Person: M. B. Nattrass   RECEIVED		704			
Phone: (913) 748-3987 KANSAS CORPORATION COMMISSION (circle one) NE SE NW SW Contractor: Name: MOKAT Drilling DEC 1 6 - 2005 License: 5831  CONSERVATION DIVISION William Resemble of Completion:  Wichita KS  Designate Type of Completion:  New Well Re-Entry Workover Oil SWD SIOW Temp. Abd.  Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry: Old Well Info as follows:  Original Comp. Date:  Original Total Depth:  Despering Re-perf. Conv. to Enthr/SWD Plug Back. Plug Back Total Depth:  Despering Re-perf. Conv. to Enthr/SWD Plug Back. Plug Back Total Depth:  Original Comp. Date:  Original Total Depth:  Despering Re-perf. Conv. to Enthr/SWD Docket No.  Dual Completion Docket No.  Dual Completion Docket No.  Docket No.  Docket No.  Doal Completion Date  Note (SWD or Enthr.?) Docket No.  Docket No.  Date Reached TD Completion Date or Recompletion Date  Note (SWD or Enthr.?)  Note (SWD or Enthr.?)  Note (SWD or Enthr.?)  Date Reached TD Completion Date or Recompletion Date  Note (SWD or Enthr.?)  Note (SWD or Enthr.?)  Note (SWD or Enthr.?)  Note (SWD or Enthr.?)  Date Reached TD Completion Date or Recompletion Date or Recompletion Date  Note (SWD or Enthr.?)  Note (SWD or Enthr.?)  Note (SWD or Enthr.?)  Date Reached TD Completion Date or Recompletion Date or Recompleti	M R Nattrace				
Contractor: Name: MOKAT Drilling  DEC 1-6 2005 Licenses: 5831  CONSERVATION DIVISION WicHITA, KS  Well site Geologist:  New Well Re-Entry Workover  Oit SWD SIOW Temp. Abd.  Gas ENHR SIGW  Dry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry: Old Well Info as follows:  Operator:  Deepening Re-pert Conv. to Enhr/SWD  Plug Back Plug Back Total Depth:  Deepening Re-pert Conv. to Enhr/SWD  Plug Back Plug Back Total Depth  Deepening Re-pert Conv. to Enhr/SWD  Dual Completion Docket No.  Dual Completion Docket No.  Dual Completion Date Reached TD  Tocket No.  Signal Date or Date Reached TD  Recompletion Date  Note The Subscribed and sworn to before me this Jy day of Docket No.  Date: December 14, 2005  Signature:  Well Arena te of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the state herein are complifier agent of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the state herein are complied or an early supported to the best of my knowledge.  Well state of Confidentiality and secso of 12 months). One of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the state herein are complied as worn to before me this Jy day of Dockethol.  All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the state herein are complied as worn to before me this Jy day of Dockethol.  Subscorbed and sworn to before me this Jy day of Dockethol.  Lease Name: Lastesp Producing Formation. Cheroke Coals  Elevation: Ground: 914  Kell Palma Magering Formation. Cheroke Coals  Elevation: Ground: 914  Kell Palma Magering Formation. Cheroke Coals  Elevation: Ground: 914  Kell Palma Magering Formation. Cheroke Coals  Elevation: Ground: 914  Kell Palma Magering Formation. Cheroke Coals  Elevation: Ground: 914  Kell Palma Magering Formation. Cheroke Co		Circle one) NE SE NW SW			
Wellsite Geologist:  CONSERVATION DIVISION Designate Type of Completion:  ✓ New Well Re-Entry Workover  Oil SWD SIOW Temp Abd.  ✓ Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows:  Orginal Comp. Date:  Orginal Total Depth:  Despening Re-perf. Corn. to Enthr/SWD Plug Back Despension Re-perf.  Plug Back Depth Self and Reserve Prij  Cherokee Coals  Elevation: Ground. 914  Kelly Bushing:  Amount of Surface Pipe Set and Cemented at 20'.  Multiple Stage Cementing Collar Used?  If Alternate II completion, cement circulated from 1277  feet depth to. Surface w/ 140  s.  Pully Back Despension Re-perf. Corn. to Enthr/SWD Plug Back Depth Despension Date:  Orginal Comp. Date:  Orginal Total Depth:  Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Enthr.?) Docket No.  Dual Completion Docket No.  Other (SWD or Enthr.?) Docket No.  BR23/2005  BR23/2005  BR25/2005  BR25/2005  Date Rescompletion Date or Recompletion Date or Recompletion Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filled with the form with be held confidential for a period of 12 months; irrequiseted in writing and special within and special writing	Contractor: Name: MOKAT Drilling DEC 1 6 2005	Lease Name: Eastep Well #: 1-34			
Designate Type of Completion:    New Well	CAMPBURGALOR				
Total Depth: 1280 Plug Back Total Depth: 1266'  Amount of Surface Pipe Set and Cemented at 20'  Multiple Stage Cementing Collar Used?	WICHITA KS				
Amount of Surface Pipe Set and Cemented at 20'    Gas					
Multiple Stage Cementing Collar Used?   Yes					
If Workover/Re-entry: Old Well Info as follows:  Operator:  Well Name:  Original Comp. Date:  Original Comp. Date:  Original Total Depth:  Depening Re-perf. Conv. to Entr./SWD  Plug Back Plug Back Total Depth  Double Commingled Docket No.  Other (SWD or Entr.?)  Other (SWD or Entr.?)  Date Reached TD Completion Date Organization Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wick Ansas 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 as 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 8 107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with his form. ALL CEMENT TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  Signature:  Date:  Date:  Date:  December 14, 2005  Subscribed and sworn to before me this   Ju day of December 14, 2005  Subscribed and sworn to before me this  Ju day of December 14, 2005  Subscribed and sworn to before me this  Ju day of December 14, 2005  Subscribed and sworn to before me this  Ju day of December 14, 2005  Subscribed and sworn to before me this  Ju day of December 14, 2005  Subscribed and sworn to before me this  Ju day of December 14, 2005					
If Morkover/Re-entry: Old Well Info as follows:  Operator:  Well Name:  Original Comp. Date:  Original Comp. Date:  Original Comp. Date:  Original Total Depth:  Deepening  Re-perf.  Conv. to Enhr./SWD  Plug Back  Plug Back Total Depth  Commingled  Docket No.  Dual Completion  Other (SWD or Enhr.?)  Docket No.  Other (SWD or Enhr.?)  Dote Reached TD  Completion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wick 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 art 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 8 and 107 for confidentiality in excess of 12 months). One copy of all writeine logs and geologist well report shall be attached with this form. ALL CEMENT 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 state herein are complete and conject to the best of my knowledge.  KCC Office Use ONLY  Wireline Log Received  Geologist Report Received					
Operator:  Well Name:  Original Comp. Date:  Original Total Depth:  Deepening  Re-perf.  Conv. to Enhr/SWD  Plug Back  Plug Back Total Depth  Commingled  Docket No.  Dual Completion  Other (SWD or Enhr.?)  Dote Reached TD  Date Reached TD  Completion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission. 130 S. Market - Room 2078. Wick 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 ag 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 8 107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENT 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 state herein are complete and corpect to the best of my knowledge.  KCC Office Use ONLY  Wireline Log Received  Geologist Report Received					
Well Name:  Original Comp. Date:  Original Total Depth:  Deepening  Re-perf:  Conv. to Enhr./SWD  Plug Back  Plug Back Total Depth  Commingled  Docket No.  Dual Completion  Other (SWD or Enhr.?)  Docket No.  Other (SWD or Enhr.?)  Date Reached TD  Date Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wick Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rurling and submitted with the form (see rule 8: 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 CEMENT TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  INSTRUCTIONS: An original and two copies of this form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  INSTRUCTIONS: An original and two copies of this form shall be given be and corpect to the best of my knowledge.  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wick Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rurling and submitted with the form (see rule 8: 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 CEMENT TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  KCC Office Use ONLY  Well interporarily Attached  If Denied, Yes Date:  Wireline Log Received  Geologist Report Received	•				
Deepening Re-perf. Conv. to Enhr/SWD Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Spyd Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wick 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 at 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 8 to 70 confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENT 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 state herein are complete and correct to the best of my knowledge.  Subscribed and sworn to before me this 144 day of Docket No.  (Date must be collected from the Reserve Pi)  Chloride content N/A ppm Fluid volume Dewatering method used N/A - Air Drilled  Location of fluid disposal if hauled offsite:  Operator Name:  Quarter Sec. Operator Name:  County:  Operator Name:  Lease Name:  Quarter Sec. Operator Name:  County:  Docket No.  Quarter Sec. Operator Name:  County:  Docket No.  Lease Name:  Quarter Sec. Operator Name:  Lease Name:  Quarter Sec. Operator Name:  Lease Name:  County:  Docket No.  Subscribed or submit of the Kansas Corporation Commission, 130 S. Market - Room 2078, Wickets - Ro	•				
Deepening Re-perf. Conv. to Enhr/SWD Plug Back Plug Back Cotal Depth Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No.  8/23/2005 8/25/2005 9/6/2005 Spud Date or Recompletion Date  Note Recompletion Da		Drilling Fluid Management Plan AH JL NH6 16-08			
Plug Back Plug Back Total Depth  Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Enhr.?) Docket No.  Syz3/2005 8/25/2005 9/6/2005  Spud Date or Recompletion Date or Recompletion Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wick 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 at 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 8: 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 CEMENT 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 state herein are complete and correct to the best of my knowledge.  Signature:  December 14, 2005  KCC Office Use ONLY  Wireline Log Received  Geologist Report Received		(Data must be collected from the Reserve Pit)  Chloride content N/A ppm Fluid volume bbls			
Commingled  Docket No.  Dual Completion  Docket No.  Other (SWD or Enhr.?)  Docket No.  Syd3/2005  8/23/2005  Byd Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wick 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 are 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 8: 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 CEMENT 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 state herein are complete and correct to the best of my knowledge.  Signature:  Date:  December 14, 2005  KCC Office Use ONLY  Wireline Log Received  Geologist Report Received					
Dual Completion Other (SWD or Enhr.?)    Docket No.		Dewatering method used N/A - Air Drilled			
Operator Name:  Lease Name:  Lease Name:  Quarter  Sec.  Quarter  Sec.  County:    County:   Cou	·	Location of fluid disposal if hauled offsite:			
Other (SWD or Enhr.?)    B/23/2005		Operator Name:			
Spud Date or Recompletion Date    Date Reached TD   Date Reached TD   Date Recompletion Date or Recompletion Date or Recompletion Date or Recompletion Date or Recompletion Date	Other (SWD or Enhr.?) Docket No.				
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wick 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 at 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 8 107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTI 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 state herein are complete and correct to the best of my knowledge.  Signature:    County:					
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 and 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 8: 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 CEMENT 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 state herein are complete and correct to the best of my knowledge.  Signature:    KCC Office Use ONLY		UVIVEIDENITAL			
Title: Agent December 14, 2005  Subscribed and sworn to before me this 14 day of December 14, 2005  Wireline Log Received  Geologist Report Received	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: 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.  All requirements of the statutes, rules and regulations promulgated to regula	er 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 Submit CP-111 form with all temporarily abandoned wells.			
Subscribed and sworn to before me this _/4 day of	Signature:	KCC Office Use ONLY			
Subscribed and sworn to before me this _/9'_ day of  Wireline Log Received  Geologist Report Received	Title: Agent Date: December 14, 2009	5 VES etter of Confidentiality Attached			
Wireline Log Received  Geologist Report Received	Subscribed and sworn to before me this 14th day of December	If Denied, Yes Date:			
Geologist Report Received		Wireline Log Received			
Notary Public: ——— UIC Distribution	20 03 .	Geologist Report Received			
	Notary Public: May The .	UIC Distribution			
Date Commission Expires: 10/14/2008	Date Commission Expires: 10/14/2008				

My Appt. Expires\_\_\_

#### Side Two

# ORIGINAL

Operator Name: Layne Energy Operating, LLC Lease Name: Eastep Well #: 1-34									
Sec. 34 Twp. 31 S. R. 16									
INSTRUCTIONS: SI tested, time tool ope temperature, fluid red Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shutes if gas to	in pressures, surface test,	, whether s along with	hut-in pre	ssure reached	l static level, hydr	ostatic pressu	rests giving interval ires, bottom hole ded. Attach copy of all
Drill Stem Tests Taken					<b>V</b> L	og Forma	tion (Top), Depth	and Datum	Sample
(Attach Additional Sheets)  Samples Sent to Geological Survey  Yes  No  Cores Taken  Yes  No				Nam	Name		Тор	Datum	
			· Pa		wnee Lime		616 GL		
Electric Log Run (Submit Copy)	Electric Log Run		Exc		llo Shale		764 GL		
List All E. Logs Run:	,		•	V Sh		ale		815 GL	
Compensated D	ensity Neutron				Mine	eral Coal		860 GL	
Dual Induction				Miss	sissippian		1179 GL		
		Repor		RECORD	✓ Ne	w Used	ction, etc.	<u> </u>	
Purpose of String	Size Hole Drilled	Siz	e Casing	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11	Set (In O.D.) 8.65		24		20'	Class A	4	Type 1 cement
Casing	6.75	4.5	-	10.5		1277'	Thick Set	140	
		<u> </u>	ADDITIONA	L CEMENT	ING / SQL	JEEZE RECOR	ID .		
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	#Sacks Used		Type and Percent Additives			
Protect Casing Plug Back TD								DEC 14	2005
Plug Off Zone							C(	ONFIDI	ENTIAL
Shots Per Foot  PERFORATION RECORD - Bridge Plugs Sel/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
See Attached •					RECEIVED KANSAS CORPORATION COMMISSION				
					DEC 1 6 2005				
	·							CONSERVATI WICHI	ON DIVISION TA, KS
TUBING RECORD	Size	Set At		Packer	At	Liner Run			
2 3/8" 1188'							Yes V N	0	
Date of First, Resumerd Production, SWD or Enhr.  11/30/2005  Producing Method  Flowin					Flowing	g ✓ Pum	oing Gas L	ift 🗌 Ot	her ( <i>Explain</i> )
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas ·	Mcf	Wate	er :	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas METHOD OF COMPLETION Production Interval									
Vented ✓ Sold (If vented, So	Used on Lease		Open Hole		rf. [][	Oually Comp.	Commingled		

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Eastep 1-34		
	Sec. 34 Twp. 31S Rng. 16E, Montgomery County		
API:	15-125-30828		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1159-1162, 1102-1103.5, 980-981.5, 937.5-938.5, 925-928.5	Riverton, Rowe, Bluejacket, Weir, Tebo - 6,500# 20/40 sand, 2,100 gal 15% HCl acid, 619 bbls wtr	928.5-1162
4	860-861, 816-818, 793-795, 762.5-768.5, 736-740	Mineral, Croweberg, Ironpost, Mulkey, Summit - 6700# 20/40 sand, 2600 gal 15% HCl acid, 632 bbls wtr	736-861

RECEIVED KANSAS CORPORATION COMMISSION DEC 1 6 2005

CONSERVATION DIVISION WICHITA, KS

## RECEIVED KANSAS CORPORATION COMMISSION

# CONFIDENTIAL

Report taken by:

KRD

DEC 16 2005

### CONSERVATION DIVISION WICHITA, KS

### MORNING COMPLETION REPORT

Report Called In by: : JES PBTD CIBP DAYS AFE DATE LEASE NAME & TYPE FLUID DEPTH TYPE 8/23/2005 EASTEP #1-34 WT PRESENT OPERATION: DRILL OUT FROM UNDER SURFACE VI\$ MOKAT CONTRACTOR REPAIR DOWN TIME HRS LINERS OD TOP & SHOE DEPTH DEEPEST CASING BILLY RIG NO OD SHOE DEPTH TEST PERFS 8 5/8" 24# J-58 -- Set 20' SQUEEZED OR PLUG BACK PERFS TO PACKER OR ANCHOR FISHING TOOLS OD TO TQ то 10 то TÔ то BRIEF DESCRIPTION OF OPERATION HRS MIRU MOKAT DRILLING, DRILLED 11" HOLE, 20' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN. . تخييسون يحتويد څاه DAILY COST ANALYSIS DETAILS OF RENTALS, SERVICES, & MISC MOKAT DRILLING @ 8.50/ft RIG 80 MOKAT (CEMENT) 400 DIRTWORKS (LOC,RD, PIT) 200 **SUPERVISION** 200 SURFACE CASING 2000 LAND/ LEGAL RENTALS 400 SERVICES 2280 MISC 2880 TCTO

**PREVIOUS TCTD** 

2880

DAILY TOTALS

P. 01

12/12/2005 17:19 BLUE STAR ACID SERVICE 316 583 5679 AUG\_26+2005 01:40

g (5)

CONSOLIDATED OIL WELL SERVICES, INC. 211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

5281 TICKET NUMBER LOCATION Krad Kutter FOREMAN\_

## TREATMENT REPORT & FIELD TICKET

CEMENT COUNTY RANGE TOWNSHIP SECTION WELL NAME & NUMBER **CUSTOMER #** DATE MONTSONE 1-34 8-24-05 CUSTOMER DRIVER Gus TRUCK # DRIVER TRUCK# MAILING ADDRESS JOHES 446 441 434 ZIP CODE CITY 452- 763 Ks. CASING SIZE & WEIGHT 63/40 HOLE SIZE OTHER DRILL PIPE CEMENT LEFT IN CABING 44 Bbs. SLURRY VOL SLURRY WEIGHT DISPLACEMENT PSI 700 Release Nuy - Displace Plus - Release Pressive Bumped Plus To RECEIVED CANSAS CORPORATION COMMISSION Good comme rotoms to Sudan way 8Bbi Slury 2005 John completes Tear down

		"Thank you"	CONSERVATION DIVIS	ON
ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES of PRODUCT	WICHITA, KS UNIT PRICE	TOTAL
CODE	QUANTIO	PUMP CHARGE	765.00	765.00
5406	25	MILEAGE	2.50	62.50
3705			13.00	1820,00
1126A	<u>140 ১৪</u> - 28 ১৪	A - CA A A CA	16.90	473.20
1110 A			1.5514.	77.50
1111 A	50 /bs.		6.43	26.52
1118 A	4. SKS.		,92	177.10
5407A			8200	246.00
5502C	3 His	80 Bbl. VACTruck	8% 00	352,00
5501 c 1123	6300 GA		12.20	76.86
	4 #		75.00	300.00
5605A			38,00	38.00
4404		442" Top Rubber Plug		122 10

### **GEOLOGIC REPORT**

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KANSAS CORPORATION COMMISSION
DEC 1 6 2005

CONSERVATION DIVISION WICHITA, KS

LAYNE ENERGY
Eastep 1-34
NE ¼, NE ¼, 1,118' FNL, 794' FEL
Section 34-T31S-R16E
MONTGOMERY COUNTY, KANSAS

Drilled: August 23, 2005 Logged: August 25, 2005 A.P.I.# 15-125-30828 Ground Elevation: 914' Depth Driller: 1,280' Depth Logger: 1,281'

Surface Casing: 8 <sup>5</sup>/<sub>8</sub>" @ 20' Production Casing: 4 ½" @ 1,277' Cemented Job: Consolidated

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

FORMATION	TOPS (in feet below ground surface)
Kansas City Group	Surface (Cottage Grove Sandstone)
Lenanah Lime	414
Altamont Lime	457
Pawnee Lime	616
Anna Shale	639
First Oswego Lime	699
Little Osage Shale	
Excello Shale	
Mulky Coal	768
Iron Post Coal	
"V" Shale	
Croweburg Coal	
Mineral Coal	
Tebo Coal	928
Weir Pitt Coal	
Bluejacket Coal	980
AW Coal	
Riverton Coal	1,159