CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

11/5/09

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Name: Layne Energy Operating, LLC Addross: 1900 Shawnee Mission Parkway SE	Operator: License # 33365	API No. 15 - 125-29965-00-02
Cily/State/Zip: Mission Woods, KS 66205 330 feet from () N (circle one) Line of Section Purchaser:	Name: Layne Energy Operating, LLC	County: Montgomery
Purchaser: Operator Contact Person:imothy H. Wright Footages Calculated from Nearest Outside Section Corner: -imothy H. Wright		<u>SESESESec14</u> Twp32S. R16
Purchaser:	City/State/Zip: Mission Woods, KS 66205	feet from (S)/ N (circle one) Line of Section
Poperator Contact Person. Timothy H. Wright Phone: (913) 748-3980 Telephone: (91	Purchaser:	feet from (E)/ W (circle one) Line of Section
Phone: (913) 749-3960 Contractor: Name: McPherson Dnilling	Operator Contact Person: Timothy H. Wright	
Wellstie Geologist:		_ (circle one) NE SE NW SW
Wellsite Geologist: Designate Type of Completion: New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. — Completion: I Workover/Re-entry: Oid Well Info as follows: Operator: Coft Energy, Inc. Well Name: Met Coft Energy, Inc. Drilling Fluid Management Plan (Quar must be collected from the Reserve Pt) Commingled Docket No. Doul Completion Docket No. Docket No. Docket No. Docket No. INSTRUCTIONS: An original and two copies of this form will be hald contidential for a period of 12 months, of no copy of all writerine logs and geologic well requirements of the statules, rules and regulations promulgated to regulate the oil and gas industry have been fully completed with and the statements harein are complete and sower to before me this. So day of Machaulan Darker Machaulan Darker Machaulan Darker Search of Nov. 10 pater. Machaulan Darker Search Machaulan Darker Search of Nov. 10 pater. Machaulan Darker Search Conspective Management Plan (Completion Date or Recompletion Date or Recompletion plate or Recompletion Date or Recompletion	Contractor: Name: McPherson Drilling	Lease Name: Keck Well #: 5
Wellsite Geologist: Designate Type of Completion: New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. — Completion: I Workover/Re-entry: Oid Well Info as follows: Operator: Coft Energy, Inc. Well Name: Met Coft Energy, Inc. Drilling Fluid Management Plan (Quar must be collected from the Reserve Pt) Commingled Docket No. Doul Completion Docket No. Docket No. Docket No. Docket No. INSTRUCTIONS: An original and two copies of this form will be hald contidential for a period of 12 months, of no copy of all writerine logs and geologic well requirements of the statules, rules and regulations promulgated to regulate the oil and gas industry have been fully completed with and the statements harein are complete and sower to before me this. So day of Machaulan Darker Machaulan Darker Machaulan Darker Search of Nov. 10 pater. Machaulan Darker Search Machaulan Darker Search of Nov. 10 pater. Machaulan Darker Search Conspective Management Plan (Completion Date or Recompletion Date or Recompletion plate or Recompletion Date or Recompletion	License: 5675	_ Field Name: Brewster
Designate Type of Completion: Now 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: Operator: Colt Energy, Inc. Well Name: Keck 5 / 2000 Original Comp. Date: 349/2000 Original Total Depth: 1155' Despening Re-perf. Conv. to Enhr/SWD Plug Back Unknown Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Dual Completion Date B/8/2007 Spud 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, 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 with en Bers or part of 120 months; or expense of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form serve last 82-3-107 (confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form serve last 82-3-107 (cronfidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form serve last 82-3-107 (cronfidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form serve last 82-3-107 (cronfidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form serve rule 82-3-107 (cronfidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form serve rule 82-3-107 (cronfidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form serve rule 82-3-107 (cronfidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form serve rule 82-3-107 (cronfid		144 1 6 1 1 1 1 1
New Well		
Amount of Surface Pipe Set and Cemented at 20 Feet Multiple Stage Cementing Collar Used? Ves No Pot Multiple Stage Cementing Collar Used? Ves No Multiple St		
Multiple Stage Cementing Collar Used? Yes ☑No	·	
The content of the content of the statutes o	•	
If Workover/Re-entry: Old Well Info as follows: Operator: Colt Energy, Inc. Well Name: Keck 5 Original Comp. Date: 959/2000 Original Total Depth: 1155' Depending Re-perf. Conv. to Enhr/SWD Plug Back Unknown Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Dockel No. Will Name: Date Reached TD Recompletion Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, vertices 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. WCC Office Use ONLY Letter of 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. WCC Office Use ONLY Letter of 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. WCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Received Kansas Corporation Commission NOV 0 6 2007 Notary Public: Macanana August Date: Accompletion Date of the search		
Sufface W 150 sx cmt.		
Well Name: Keck 5 Original Comp. Date: 94302000 Original Total Depth: 1155' Deepening	· · · · · · · · · · · · · · · · · · ·	
Original Comp. Date: 993972000 Original Total Depth: 1155		- ·
Deepening	Original Comp. Date: 9/39/2000 Original Total Depth: 1155'	Similar individual control of the co
Plug Back Unknown Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. B/B/2007 Spud 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, 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 with be held confidential for a period of 12 months is 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 gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge. Signature: Notary Public: MacAusyulum Date: 1-5-07	Deepening Re-perf Conv. to Enhr./SWD	· ·
Dual Completion Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. B/B/2007 Spud 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, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-108 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 gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge. Signature: County:		
Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. B/B/2007 Spud Date or Recompletion Date Subscribed and sworn to before me this		
Other (SWD or Enhr.?) Docket No. S/8/2007		Location of fluid disposal if hauled offsite:
B/8/2007 Bound Date or Recompletion Date B/10/2007 Completion Date or Recompletion Date County: Docket No.: East West	·	
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date County:		Lease Name: License No.:
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Signature: Signature: Signature: Date: 1-9-07 Subscribed and sworn to before me this 5 day of November Notary Public: MacLaughten Date Date: MacLaughten Date MacLaughten Dat	Information of side two of this form will be held confidential for a period 107 for confidentiality in excess of 12 months). One copy of all wireline k	of 12 months if requested in writing and submitted with the form (see rule 82-3-logs and geologist well report shall be attached with this form. ALL CEMENTING
Title: Agent Date: 1-5-07 Letter of Confidentiality Attached Subscribed and sworn to before me this 5 day of November. Date: 1-5-07 Letter of Confidentiality Attached If Denied, Yes Date: RECEIVED Wireline Log Received KANSAS CORPORATION COMMISS Geologist Report Received NOV 0 6 2007 Date Commission Expires: 1-4-2009 MacLAUGHLIN DARLING Notary Public State of Kansas CONSERVATION DIVISION		gulate the oil and gas industry have been fully complied with and the statements
Title: Agent Date: 1-5-07	Signature:	KCC Office Use ONLY
Subscribed and sworn to before me this 5 day of 2007. Notary Public: MacLaughlin Darfing Notary Public State of Kansas Conservation Division If Denied, Yes Date: RECEIVED Wireline Log Received KANSAS CORPORATION COMMISS Geologist Report Received NOV 0 6 2007 MacLAUGHLIN DARLING Notary Public State of Kansas CONSERVATION DIVISION	' /	v
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Notary Public: MacLaughlin Darfield MacLaughlin Darfield Nov 0 6 2007 Date Commission Expires: -4-2009 MacLaughlin Darfield MacLaughlin Darfield Notary Public State of Kansas CONSERVATION DIVISION	Subscribed and sworn to before me this 5 day of 1000000	TEOLIVED
Notary Public: MacLaughlin Darling Date Commission Expires: -4-2009 MacLaughlin Darling Notary Public - State of Kansas CONSERVATION DIVISION	2007	· · · · · · · · · · · · · · · · · · ·
Date Commission Expires: -4-2009 Notary Public - State of Kanses CONSERVATION DIVISION	Notary Bublic MacLaughlen, Darlesse	NOV 0 6 2007
		Notary Public - State of Kansas CONSERVATION DIVISION

CONFIDENTIAL

Operator Name: Lay	ne Energy Opera	iting, LLC	·	Lease	e Name:_	Keck		. Well #: _5		
Sec. 14 Twp. 3			West		y: Monto		:			
INSTRUCTIONS: SI tested, time tool oper temperature, fluid red Electric Wireline Loga	n and closed, flowing covery, and flow rate	and shut- s if gas to s	in pressures, surface test, a	whether s long with	hut-in pre	ssure reached	static level, hydros	static pressur	es, bottom	n hole
Drill Stem Tests Take		☐ Ye	s 📝 No			og Formati	on (Top), Depth ar	nd Datum	□s	ample
Samples Sent to Geo	•	☐ Ye	s 🗹 No		Nam	е		Тор	D	atum
Cores Taken	,	_ ☐ Ye	_		See	Original Drille	ers Log			
Electric Log Run		☐ Ye	s 🗸 No					_	505» —	
(Submit Copy) List All E. Logs Run:								KANSAS COR	ECEIVE PORATION	
									/ 0 6 20	
								CONSEI V	RVATION DI VICHITA, KS	ivision S
			CASING	RECORD	☐ Ne	w 🗸 Used	· · · · · · · · · · · · · · · · · · ·			
	Size Hole		all strings set-c		surface, inte	rmediate, produc Setting	tion, etc.	# Sacjs	Type a	nd Percent
Purpose of String	Drilled	Set	(in O.D.)	Lbs	./Ft.	Depth	Cement	Used		ditives
Surface	11"	8-5/8"		35		20'	Portland A	4		
Production	6-3/4"	4-1/2"				1151.65'	50/50 Pozmix	150		
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD)			
Purpose: Perforate Protect Casing	Depth Top Bottom	Туре	of Cement	#Sack	s Used		Type and Pe	ercent Additives	8	
Plug Back TD Plug Off Zone		1								
Shots Per Foot	PERFORATI Specify	ON RECOR	D - Bridge Plug ach Interval Per	s Set/Type			cture, Shot, Cement		rd	Depth
	See Attached P	age								
								.,		
TUBING RECORD 2-3	Size 3/8"	Set At 1129'		Packer	At	Liner Run	Yes 🗸 No			
	d Production, SWD or E	r	Producing Met	hod	Flowing	g 🗸 Pumpi	ng Gas Lift	Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas 60	Mcf	Wate	er B	bls. Ga	as-Oil Ratio	······	Gravity
Disposition of Gas	METHOD OF (OMPLETIO			ı	Production Inter	val	·		
Vented ✓ Sold	Used on Lease		Open Hole	✓ Per	rf. 🔲 C	Dually Comp.	Commingled		······································	

Operator Name:	Layne Energy Operating, LLC.				
Lease Name:	Keck 5				
	Sec. 14 Twp. 32S Rng. 16E, Montgomery County				
API:	15-125-29965-00-02	2			
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth		
	Initial Perfor	ations (5/2000)			
		15 sxs 12/20 sand			
4 Riv	Riverton 1109' - 1114'	600 bbls water	1109' - 1114'		
		375 gals 15% HCl acid			
		150 gals 15% HCl acid spot			
	1st Recompletion F	Perforations (11/2000)			
4	Wei- 003 El 008 El	35 sxs 20/40 sand	903.5' - 908.5		
4	Weir 903.5' - 908.5'	560 bbls water	1903.5 - 906.5		
	2nd Recompletion	Perforations (8/2007)			
4	Mineral 817' - 820'	9000 lbs 16/30 sand			
	Croweburg 777' - 780'	526 bbls water	777' - 820'		
		400 gals 15% HCl acid			
4	Mulky 725' - 730'	17000 lbs 16/30 sand			
	Summit 698' - 700'	672 bbls water	698' - 730'		
	Suttillit 090 - 700	400 gals 15% HCl acid			

RECEIVED KANSAS CORPORATION COMMISSION

NOV 0 6 2007

CONSERVATION DIVISION WICHITA, KS