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KANSAS CORPORATION COMMISSION

Form Must Be Typed

ORIGINAL

OIL & GAS CONSERVATION DIVISION **WELL COMPLETION FORM**

WELL HISTORY - DESCRIPTION OF WELL & LEACHERVATION DIVISION WICHITA, KS

Operator: License #33365	API No. 15 - 125-31330-00-00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	<u>- SW</u> _ NE Sec. 10 Twp. 33 S. R. 16
City/State/Zip: Mission Woods, KS 66205	1882 feet from S / (N) (circle one) Line of Section
Purchaser:	feet from (E) W (circle one) Line of Section
Operator Contact Person: M. Brent Nattrass	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3960	(circle one) NE SE NW SW
Contractor: Name: McPherson Drilling	Lease Name: McMillin Well #: 7-10
License: 5675	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 755' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1145' Plug Back Total Depth: 1139'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 44' 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 1139'
Operator:	feet depth to Surface w/ 120 sx cmt.
Well Name:	'
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH II NJ 003 V 9 (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:
	Lease Name: License No.:
4/20/2007 4/24/2007 6/22/2007 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R 🗌 East 🗌 West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with 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.	or 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.
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully compiled with and the statements
Signature: MB Wall	KCC Office Use ONLY
Title: Agent Date: 8/16/07	Letter of Confidentiality Attached
Subscribed and sworn to before me this 16 day of Quegues	If Denied, Yes Date:
	Wireline Log Received
20 0 1. h 20 1. A 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Geologist Report Received
Notary Public: / MacLAUS	HLIN DARLING UIC Distribution
Date Commission Expires: 1/4/2009 Notary Public My Appt. Ex	c - State of Kansas pires 1/1/2007

Operator Name: Layne Energy Operating, LLC			Lease	Name:_	McMillin Well #: 7-10			0
Sec. 10 Twp. 33		/: Montg						
INSTRUCTIONS: Sh tested, time tool open temperature, fluid rec Electric Wireline Logs	and closed, flowing overy, and flow rate	g and shut-in pressur s if gas to surface tes	es, whether sh st, along with f	nut-in pre	ssure reached	I static level, hydro	static pressur	es, bottom hole
Drill Stem Tests Taken		☐ Yes 🗸 No)	⊘ L	og Forma	tion (Top), Depth a	and Datum	Sample
(Attach Additional S	•	☐ Yes 🗸 No		Name	e		Тор	Datum
Samples Sent to Geo Cores Taken	logical Survey	☐ Yes ✓ No		Pawr	nee Lime		449 GL	306
Electric Log Run (Submit Copy)		✓ Yes No		Exce	llo Shale		616 GL	139
List All E. Logs Run:		KCC	∂	V Sh	ale		667 GL	88
Compensated De	ensity Neutron	AUG 1 5 21	007	Mine	ral Coal		713 GL	42
Dual Induction	onony reduce.	CONFIDE	NTIAL	Miss	issippian		1051 GL	-296
		CASI Report all strings	NG RECORD set-conductor, su	✓ Ne urface, inte		ction, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei		Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	11"	8.625"	24		44'	Class A	40	Type 1 cement
Casing	6.75"	4.5"	10.5		1139'	Thick Set	120	10# KOL seal @ sx
		ADDITIO	NAL CEMENTI	NG / SOL	IEEZE RECOR	ID.		
Purpose: Depth Ty — Perforate Top Bottom Ty — Protect Casing		Type of Cement	#Sacks		Type and Percent Additives			3
Plug Back TD Plug Off Zone								
Shots Per Foot	PERFORATI Specify	ON RECORD - Bridge	Plugs Set/Type			acture, Shot, Cemer		rd Depth
	See Attached P	age					RI	ECEIVED
							KANSAS CORF	PORATION COMMISSION
							AUG	1 7 2007
							CONSER	VATION DIVISION
							. Wi	CHITA, KS
TUBING RECORD 2-3	Size 3/8"	Set At 1033'	Packer A	At	Liner Run	Yes V No)	
Date of First, Resumere	d Production, SWD or E	Enhr. Producing) Method	Flowing	g 🗸 Pum	ping Gas L	ift Oth	ner (Explain)
Estimated Production Per 24 Hours	Oil O	Bbls. Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas		COMPLETION	<u> </u>		Production Int	erval		
Vented Sold (If vented, So	Used on Lease	Open F	fole Peri	f [Dually Comp.	Commingled		

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CONSERVATION DIVISION WICHITA, KS

	Layne Energy Operating, LLC.		
Lease Name:	McMillin 7-10		
	Sec. 10 Twp. 33S Rng. 16E, Montgomery County		
API:	15-125-31330-00-00		
Shots per Foot		Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Initial Pe	erforations	
		2000 lbs 20/40 sand	
4	Rowe 987.5' - 990'	210 bbls water	987.5' - 990'
		450 gals 15% HCl acid	
	Bluejacket 837' - 839.5'	5800 lbs 20/40 sand	
	Weir 807.5' - 812'	659 bbls water	770' - 839.5'
	Tebo 770' - 773.5'	1260 gals 15% HCl acid	
	Mineral 712' - 715'	7800 lbs 20/40 sand	
4	· · · · · · · · · · · · · · · · · · ·	518 bbls water	667' - 715'
	Croweburg 667' - 671.5'	800 gals 15% HCl acid	
	Iron Post 642' - 644'	6900 lbs 20/40 sand	l
4	Mulky 615' - 621'	690 bbls water	584' - 644'
	Summit 584' - 589'	1000 gals 15% HCl acid	
			<u> </u>
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Daily Well Work Report

CONSERVATION DIVISION WICHITA, KS

MCMILLIN 7-10 4/24/2007

Well Location: MONTGOMERY KS 33S-16E-10 SW NE 1882FNL / 2249FEL Cost Center Lease Number Property Code API Number G01025800100 G010258 KSDC33S16E1007 15-125-31330

Spud D	ate F	RDMO Date	First Compl	First Prod	EFM Install	CygnetID
4/20/20	007	4/24/2007	6/22/2007	6/26/2007	6/27/2007	MCMILLIN_7_10
TD	PBTD	Sf Csg Dept	th Pr Csg Dep	th Tbg Size	Csg Size	
1145	1139	44	1139			
Reported	By KRD	Rig	g Number	1	Date	4/20/2007
Taken By	KRD			I	Down Time	
Present O	peration	Drill Under Su	rface	•	Contractor	McPherson Drilling

Narrative

MIRU McPherson Drilling, drilled 11' hole, 44' deep, rih w/2 jts 8-5/8" surface casing. RD DR, RU Consolidated to 8-5/8" casing. Break circulation w/10 bbls fresh water, mixed 40 sks Class "A" cement w/2% Caclz, 2% gel, 1/4# Flocele per sk @ 14.8# per /gal, yield 1.35. Displace w/2 bbls fresh water. Shut casing in. RD MOL. Good cement returns to surface. DWC: \$ 4,826

KCC
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CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, KS 86720

TICKET NUMBER

17269

AUG 1 6 2007 620-431-9210 OR 800-467-8676

LOCATION EUREKA FOREMAN KEVIN MCCOY

TREATMENOMERORI & PIELD TICKET

			CEMEN	<u></u>			
DATE	CUSTOMER#	WELL NAME &	NUMBER	SECTION	TOWNSHIP	RANGE	COUNT
4-20-07	4758	Memillin	7-10				MG
CUSTOMER	AYNE ENE	200	annat [43.3			17776
MAILING ADDRE	ss	 	M spherson DA19	TRUCK #	DRIVER	TRUCK	# DRIVE
. جم	. Box 16	'n	/	445	Justin		
CITY		STATE ZIP COD	·	479	Shannon	,	
Sycamore	ŧ	K5	-				
JOB TYPE SUR	149ce	HOLE SIZE //"	HOLE DEPTH	41'	0401110		,
CASING DEPTH_	44'	DRILL PIPE	TURING	/	CASING SIZE 8		B
SLURRY WEIGHT		SLURRY VOL 9.5 BLC	WATER sollab	A= 4 =		OTHER	A
DISPLACEMENT	4	DISPLACEMENT PSI	MIX PSI	<u> </u>		in CASING /O	
		ord Partie #	MIX PSI		RATE		····
LA tee	my met	mg: Rig up to	8-8 CASING	BREAK	CIRCULAT	10~ w/10	BLL FRE
		~~~ <b>~//</b>		/		~ ' '// '	
CASING 1		47 700, 1100	133 - 2015/	ace w/ .	2 BBL FRE	sh water	. Shut
2743777	v. 600A	Cement Return	IS TO SURFA	CA.			
					к	RECE ANSAS CORPORA	IVED
						THE TOTAL STATE OF THE STATE OF	HUN COMMISSIC
						AUG 1	7 2007
						· · · · ·	7
						CONSERVATION	NOISIVID N
		· · · · · · · · · · · · · · · · · · ·				WICHIT	A. KS
ACCOUNT CODE	QUANTITY of	or UNITS	DESCRIPTION of SE	RVICES or PRO	DUCT	LINET DOLOR	<del></del>
54015	/	PUMP CHA				UNIT PRICE	TOTAL
5406	40	MILEAGE	NGE	· · · · · · · · · · · · · · · · · · ·		650.00	650-00
5,00		MILEAGE				3.30	132.00
11045	40 51	C	"A" Cement		···		
1102	75 4		The same of the sa			12.20	488-00
1118 A	75		2%			167	50-25
	10 *		2°6			- 15	11-25
//07	70 "	Floce 4	2 14 # per/sk			1.90	19.00
							77700
5407	1.88	TONS TON M	Thenge BULK	TRUCK		17/4	20-
						,,,,,	285-00
			<del></del>				
			,			· · · · · · · · · · · · · · · · · · ·	
	THE REPORT OF THE PARTY OF THE					<del>.</del>	
		-7.7.	'a'			SUB TOTAL	1635.50
	·	THANK	You		5.3%	SALES TAX	30.13
		Parameter .	•			ESTIMATED	
HORIZATION CA						TOTAL	1665.63

CONSOLIDATED OIL WELL SERVICE AUG 1 6 2007 P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

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TI ____T NUMBER_ LOCATION EUGEN FOREMAN RACK LADAGE

### TREATMENT REPORT & FIELD TICKET

#### **CEMENT**

DATE	CUSTOMER #	WE	LL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-25-07	4758	MEASIL	ign 7-10	ACCUPATION OF THE PARTY OF THE			MA
CUSTOMER		_		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS Ever	<del>57</del> —		763	Kyle	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	21/1/4 21/
	1	bo		479	J657		
CITY	J. (30x /	STATE	ZIP CODE	436	J.P.		
5,,,,,	molé	KS					
OB TYPE		HOLE SIZE_	634 HOLE D	EPTH //95'	CASING SIZE &	WEIGHT 44"	155
ASING DEPTH	1139'	DRILL PIPE	TUBING	<b>.</b>		OTHER	
SLURRY WEIGH	IT 13.2#	SLURRY VOL	37 BAL WATER	gal/sk8.0	CEMENT LEFT I	CASING 61	
ISPLACEMENT	r <u> 18. '</u>	DISPLACEME		1800	RATE		
REMARKS: 5	ach meet	ing- R	19 10 40 4'h"	casing. Bres	K circulation	n 4/4	Gal
fresh	water Pu	<u> </u>	es gel-flush	1 SK metes	ilicate pre-	-Phsh , so	4bl
fresh	unto space	7 Bb	dye water.	Mixed 120	sks thick	set coment	<del></del>
11/10#	Kel-seel	KK P	13,20 FORL US	ishart pump &	lnes, sh	at deep	e bree
alug. C	Displace m/	M. BAI	fresh water.	Final pump pre	suc 500 1	B. BEC	HWED
10 100	PSI weit	2 min	s celease press	ce, floot held.	Ged como	- KANSAS CORPO	RATION COMMISS
7861	slucy to	pit 2	to complete.	lig durc.		AUG	7 2007
		· · · · · · · · · · · · · · · · · · ·	Thank ?	<u>6</u>		CONSERVA	TION DIVISION HITA, KS
ACCOUNT	<del></del>				<del></del>	1	<del></del>
CODE	QUANTIT	Y or UNITS	DESCRIPT	ION of SERVICES or Pi	RODUCT	UNIT PRICE	TOTAL
5401	1		PUMP CHARGE			840.00	840.00
5406	40		MILEAGE			3. 30	132,00
				<u> </u>			
1126A	120	5×5	thickset com	<u>,+</u>		15.40	1848.00
MA	1200	<del>-</del>	Kol-scal 104	LASK		-3/	25.01
11174	200	*	ger-flush			. 15	24.00
INIA	50		metasilizate a	e-flus L		1.65	82.50
54024	6.6		ten-milese b	Wik for		1,10	200,40
5502c	31	-5	80 Bbl VAC.	TEX		90.00	23.00
1/23		gals	city water			12.22	39,90
4404	-		41/2" top note	v ole		90.00	45.00
						Subdet	6447. 3e
			` .		5.3%		132.23
				913800		ESTIMATED TOTAL	4/37.53
UTHORIZATION			TITLE_			DATE	

#### **GEOLOGIC REPORT**

LAYNE ENERGY
McMillin 7-10
SW NE, 1882 FNL, 2249 FEL
Section 10-T33S-R16E
Montgomery County, KS

Spud Date: Drilling Completed:	4/20/2007 4/24/2007	
Logged:	4/24/2007	MCC
A.P.I. #:	15125313300000	
Ground Elevation:	755'	AUG 1 6 2007
Depth Driller:	1145'	CONFIDENTIAL
Depth Logger:	1142'	
Surface Casing:	8.625 inches at 45'	
Production Casing:	4.5 inches at 1139'	
Cemented Job:	0	
Open Hole Logs:	Dual Induction SFL/GR, High	Resolution
	Compensated Density/Neutron	n

Formation	Tops			
	<b>(below ground)</b> Surface (Drum	(subsea)		
Kansas City Group	Limestone)	755		
Pawnee Limestone	449	306		
Excello Shale	616	139		
"V" Shale	667	88		
Mineral Coal	713	42		
Mississippian	1,051	-296		

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