

Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

CONSERVATION DIVISION WICHITA, KS

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33365	API No. 15 - 125-30983 - 60 - 00
Name: Layne Energy Operating, LLC	County: Montgomery
Address: 1900 Shawnee Mission Parkway	SENESW_Sec29 Twp31 S. R14
City/State/Zip: Mission Woods, KS 66205	1694 feet from ⑤/ N (circle one) Line of Section
Purchaser: Operator Contact Resear: Victor H. Dyal	feet from E / (W) (circle one) Line of Section
Operator Contact Person: Victor H. Dyal	Footages Calculated from Nearest Outside Section Corner:
Phone: (913) 748-3987 CONFIDEN	(circle one) NE SE NW SW
Contractor: Name: Thornton Air Rotary	Lease Name: Warren Well #: 11-29
License: 33606	Field Name: Cherokee Basin Coal Area
Wellsite Geologist:	Producing Formation: Cherokee Coals
Designate Type of Completion:	Elevation: Ground: 867 Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1523 Plug Back Total Depth: 1519
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21.5 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 1519
Operator:	feet depth to Surface w/ 155 sx cmt.
Well Name:	Drilling Fluid Management Plan ALT II NH 8-29-08
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve 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:
4/26/2006 4/27/2006 6/27/2006	Lease Name: License No.: \(\)
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec Twp S. R
Tiode in plant of the control of the	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, workover Information of side two of this form will be held confidential for a period of 12 107 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.	r 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
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: MASS AMAGE	KCC Office Use ONLY
Title: Agent Date: 8/22/06	Letter of Confidentiality Attached
Subscribed and sworn to before me this 22 day of 1910	If Denied, Yes Date:
2007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Wireline Log Received
A PANO (VINIA h)	Geologist Report Received
Notary Public: 1100 N	UIC Distribution KANSAS CORPORATION COMMISSION
Date Commission Expires: A NOTARY PUBLIC	- State Of Kansas AUG 2 4 2006

2006

Operator Name: Lay	ne Energy Oper	ating, LLC	Lease Nar	_{me:} Warren		Well #: <u>11</u> -	29 AUG 2 2
		_ ✓ East	County: _N	Nontgomery			CONFIDEN
ested, time tool oper emperature, fluid rec	n and closed, flowin covery, and flow rate	and base of formations g and shut-in pressure es if gas to surface test final geological well sit	s, whether shut-i	n pressure reached	I static level, hydr	ostatic pressu	ests giving interval res, bottom hole
Orill Stem Tests Taker (Attach Additional)		☐ Yes 🗸 No		✓ Log Formal	tion (Top), Depth	and Datum	Sample
Samples Sent to Geo		☐ Yes 🗸 No		Name		Тор	Datum
Cores Taken	nogiour ourro,	☐ Yes ✓ No	F	Pawnee Lime		926 GL	-59
Electric Log Run (Submit Copy)		✓ Yes No	E	Excello Shale		1062 GL	-195
ist All E. Logs Run:			\	/ Shale		1119 GL	-252
Compensated De	ensity Neutron		1	Mineral Coal		1161 GL	-294
Dual Induction	,		ı	Mississippian		1449 GL	-582
			-	New Used	ction, etc.		
Purpose of String	Size Hole Drilled	Size Casing	Weight Lbs. / Ft.	Setting	Type of	# Sacjs	Type and Percent
Surface	11	Set (In O.D.) 8.65	24	21.5'	Class A	Used 4	Type 1 cement
Casing	6.75	4.5	10.5	1519'	Thick Set	155	
		ADDITION	AL CEMENTING /	SQUEEZE RECORI	D		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	d	Type and I	Percent Additives	3
Shots Per Foot		ON RECORD - Bridge P Footage of Each Interval F			acture, Shot, Cemen		rd Depth
	See Attached						
TUBING RECORD 2 3/	Size /8"	Set At 1209'	Packer At	Liner Run	Yes ✓ No		
Date of First, Resumerd 7/17/2006	Production, SWD or E	nhr. Producing M	_	owing 🗸 Pumpi	ing Gas Li	ft Oth	er (Explain)
Estimated Production Per 24 Hours	Oil O	Bbls. Gas 58	Mcf 90		Bbls. (Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	OMOLETICAL		Production Inter			

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Operator Name: Layne Energy Operating, LLC.

Lease Name: Warren 11-29

Sec. 29 Twp. 31S Rng. 14E, Montgomery County

API: 15-125-30983

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1160.5-1162, 1118.5-1122, 1100-1101	Mineral, Croweburg, Bevier-4400# 20/40 sand, 600 gal 15% HCl acid, 395 bbls wtr	1100-1162
		•	
4	1061.5-1067, 1042-1046	Mulky, Summit-5900# 20/40 sand, 950 gal 15% HCl acid, 505 bbls wtr	1042-1067
4	924-925.5, 693.5-697.5	Mulberry, Hushpuckney-4400# 20/40 sand, 550 gal 15% HCl acid, 382 bbls wtr	693.5-925.5

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CONSERVATION DIVISION WICHITA, KS

GEOLOGIC REPORT

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LAYNE ENERGY
Warren 11-29
NE SW, 1694 FSL, 2306 FWL
Section 29-T31S-R14E
Montgomery County, KS

Spud Date:	4/26/2006
Drilling Completed:	4/27/2006
Logged:	4/28/2006
A.P.I. #:	1512530983
Ground Elevation:	867'
Depth Driller:	1523'

Depth Driller: 1523'
Depth Logger: 1520'

Surface Casing: 8.625 inches at 21.5' Production Casing: 4.5 inches at 1519.2'

Cemented Job: Consolidated

Open Hole Logs: Dual Induction SFL/GR, High Resolution

Compensated Density/Neutron

Formation

Tops (in feet below ground level)

Quaternary	Surface (Terrace Deposits)
Pawnee Limestone	926
Excello Shale	1,062
"V" Shale	1,119
Mineral Coal	1,161
Mississippian	1,449

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MORNING COMPLETION REPORT

Report Called in by:	: JOHN ED			Report taken by:	KRD	
LEASE NAME & #	'	AFE#	DATE	DAYS	CIBP	PBTD
WARDEN 44 20		G01025300100	4/20/2000		DEPTH	TYPE FLUID
WARREN 11-29 PRESENT OPERATI	ON:	G01025300100	4/26/2006	11	TYPE	WT
			DRILL OUT	FROM UNDER SURFA	VCE	vis
DEEPEST CASING	LINERS OD TOP & SHOE	DEPTH	REPAIR DOWN	TIME HRS	CONTRACTOR	
OD SHOE DEPTH					RIG NO	
PACKER OR ANCHOR	FISHING TOOLS	OD ID		PERFS TO	SOUFFZED	OR PLUG BACK PERFS
_ AGNER OR ANGHOR	TIGHING TOOLS	00 10		то	OGOCCECO	TO
			то			то
				TO		TO
				то		то
HRS	BRIEF DESCRIPTION	N OF OPERATIO	ON			
					·	
	MIRU THORTON, DR	RILLED 11" HOL	E, 21.5' DEEF	P, RIH W/ 1 JT 8 5/8" S	URFACE CASING,	
	SDFN.		· · · · · · · · · · · · · · · · · · ·			
					• •	
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			 '			
			 			
DAILY COST ANALY	'SIS					
· · · · · · · · · · · · · · · · · · ·				1	DETAILS OF RENTALS, SERV	ICES, & MISC
RIG					NG @ 7.50/ft	
						80
SUPERVISION	202			(CEMEN		
SUPERVISION	200				ORKS (LOC,RD, PIT)	400
					CE CASING	200
RENTALS				LAND/ L	EGAL	2000
				<u></u>		
SERVICES	400					
MISC	2280					
•						
				<u> </u>		
DAILY TOTALS	2000	ppevii (1	IS TOTO		TCTO 000	
DAILT TOTALS	2880	PREVIOU	ים וכוט			RECEIVE

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P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

j .

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TICKET NUMBER__

09887

LOCATION EUREKA

FOREMAN KEVIN MCCOY

CONFIDENTIAL FORI

CEMENT

DATE	CUSTOMER#	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
5-1-06	4758	WARR	w 11-29					MG
CUSTOMER	-							
LA	YNE ENG	199		Gus	TRUCK#	DRIVER	TRUCK #	DRIVER
MAILING ADDR	ESS	• •		Jones	445	RICK L.		
P.o.	. Box 160)		Rig 2	441	Jim		
CITY		STATE	ZIP CODE	7 /				
Sycamo	محر <u>-</u>	Ks						
JOB TYPE	metring	HOLE SIZE_	63/4	HOLE DEPTH	1523	CASING SIZE & W	EIGHT 41/2	10.5 * New
CASING DEPTH	1519	DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH	нт <i>/3.2 *</i>	SLURRY VOL	48 BbL	WATER gal/s	k <i>8.°</i>	CEMENT LEFT in C	CASING O'	
DISPLACEMENT	T24.186L	DISPLACEME	NT PSI 900	PSI_140	o Bump Phy	RATE		
						IRCULATION	w/ 30 h	BLL
						SPACER, 10		
						x Set Came		
						Ash out A		
Shut do	own. Role	ase Plug	. DISPIA	ae w/ =	24.1 BbL -	Fresh water	R. FINAL	Rimping
PRESSUM	2 900 PSI.	Bump 1	Olug to 1	400 ASI-	WAIT 2	minutes. K	BleASE PA	lessure.
						9 BbL 5/4		
	ete. Rig a							

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		800.00	800-00
5406	40	MILEAGE		3.15	126-00
1126 A	155 sks	Thek Set Cement		14.65	2270.75
1110 A	/550 #	KoL-SeAL		- 36 *	558.00
1118 A	200 #	Gel flush		.14 #	28.00
1111 A	50 #	Metasilicate ARE flush		1.65 #	82.50
5407 A	8.52 Tows	40 miles Bulk TRuck		1.05	357.84
4404		41/2 Top Rubber Plug		40.00	40.00
		RECEIVED KANSAS CORPORATION COMMIS	SION		
		AUG 2 4 2006			
		CONSERVATION DIVISION WICHITA, KS			
				Sub total	4263.09
		Thank You	5.3%	SALES TAX	157.89
		a00103		ESTIMATED TOTAL	4420.98

AUTHORIZATION CALLED BY John Ed

TITLE_

TOTAL 4420.48

Layne Energy, Inc.

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

August 22, 2006

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

KCC
AUG 2 2 2006
CONFIDENTIAL

Re: Well Completion Form

To Whom It May Concern:

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

API # 15-125-30983 Warren 11-29

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,

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Enclosures

Cc Well File

Field Office

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