KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	: en Flov liverabi		-		Test Date		tions on Rev	erse Side	API	No. 15 175-21560-1	2000		
Company MERIT ENERGY COMPANY					06/02/2014 Lease LUTHER C				13-173-21300-0000			Well Number	
County Location SEWARD 2310 FSL & 4620 FEL				Section 29		TWP 31S		RNG (E/	W)	Acres Attributed		s Attributed	
Field THIRTY-ONE				Reservoir	ow Low		Gas Gathering ONEOK			ection	010		
Completion Date 10/05/1996			Plug Bac 5840	k Total Dept	h		Packer S	et at					
Casing Si 5.5	ze		Weigh 14.0		Internal E 5.012	Diameter	Set at 5885		Perfor	rations	то 553 9		
Tubing Size 2.375			Weigh 4.7		Internal D 1.995	Diameter Set a 558			Perforations		То		
Type Completion (Describe) SINGLE-GAS			Type Flui WATE	d Production	1	Pump Unit or Tra YES - BEAN			aveling Plunger? Yes / No M PUMP				
Producing Thru (Annulus / Tubing) ANNULUS				% c 0.1809	Carbon Dioxid	de	% Nitrogen 6.5068%				Gas Gravity - G _g 0.687		
Vertical Depth(H) 5537					sure Taps VGE	DS			(Meter Run) (Prover) Size 3.068				
Pressure	Buildu	p: -	Shut in 06/0)1/2014	.0 at _1	1:00 AM	(AM) (PM)	Taken 06	5/02/201	4 20	at11	:00 AM	_ (AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		_ (AM) (PM)
						OBSERVE	D SURFACE	 E Data			Duration of	Shut-in 2	24 Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Temperature Temperature		(P _w) or (P _t) or (P _c)		Wellhea (P _w) or	ubing ad Pressure (P_t) or (P_c)	Duration (Hours)		quid Produced (Barrels)
Shut-In	Shut-In		F-19 (1 11)	monoc rigo			85.0	psia	psig 0.0	psia	24		
Flow													
					1	FLOW STR	EAM ATTR	BUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fact F _c	tor T	Flowing Temperature Factor F _{ft}		ation ctor pv	Metered Flow R (Mcfd)	(Cu	GOR bic Feet/ Barrel)	Flowing Fluid Gravity G _m
(3.10			<i>-</i>		•	OW) (DELIV						(P _a) ² =	0.207
$(P_c)^2 = $		<u>-:</u>	(P _w)² =	Choose formula 1 or 2	or 2:		_% (P _c - 14.4) +		14.4 =	:	: (P _d) ²		 -
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ livided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide p 2 p		Backpressure Curve Slope = "n" or Assigned Standard Slope		nxl	.og	Antilog		Open Flow Deliverability Ials R x Antilog (Mcfd)
											-		
Open Flov	ν .	Mcfd @ 14.			65 psia		Deliverability		'	Mcfd @		14.65 psia	
				behalf of the						e above repo	ort and that	he has kn	owledge of
		**********				Б			MEI	RIT ENER	GY COMI	PANY	· · · · · · · · · · · · · · · · · · ·
			Witness (if	any)	KA	NSAS CORPOR	RATION COMMI	SSIGNANN	IA BUR	TON N	Company	<u>ሌ</u> •	
			For Commi	ssion		DEC 2	2 9 2014			Che	cked by	. <u> www</u>	<u></u>

CONSERVATION DIVISION WICHITA, KS

I declare under penalty of perjury under the laws of the state of Kansas that exempt status under Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENER and that the foregoing pressure information and statements contained on this as correct to the best of my knowledge and belief based upon available production sure of equipment installation and/or upon type of completion or upon use being made or I hereby request a one-year exemption from open flow testing for the LUTHER gas well on the grounds that said well:	GY COMPANY oplication form are true and mmaries and lease records f the gas well herein named.
(Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir unde is on vacuum at the present time; KCC approval Docket No is not capable of producing at a daily rate in excess of 250 mcf	/D
Signature:JANNA BURTON	Jama Buton
Title: REGULATORY ANALYST	

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.