KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

=	en Flow			Test Date 04/03/2					No. 15 1 75-21571 - 4	000		
Compan M E RIT		Y COMPANY	,			Lease NIX					Well Number K-1	
County Location SEWARD 660' FSL & 1830' FWL				Section 33		TWP 33		RNG (E/W) 34W			Acres Attributed 640	
Field SHUCK				Reservoir MORROW / CHESTER				Gas Gathering Connection APC				
Completion Date 11/25/1996				Plug Bac 6184'	k Total Dept	h			Packer Set at NA'			
Casing Size Weight 5.5 15.5#			Internal Diameter 4.95		Set at 6238'		Perforations 5990'		To 6050'			
Tubing Size Weight 2.375 4.7			Internal Diameter 1.995		Set at 6046'		Perforations NA		To NA			
Type Cor	Type Completion (Describe)				d Production			Pump Unit or Traveling Plun				
Producin TUBIN	g Thru (Annulus / Tubin	g)		arbon Dioxi	de		% Nitroge	en	Gas Gr	avity - G _g	
	/ertical Depth(H)				Pressure Taps FLANGE			<u>'.</u>			Run) (Prover) Size	
	Buildup	Shut in04/	03/2013	0at_1			Taken_04	1/04/201	320	3 at_11:15 /	AM_ (AM) (PM)	
Well on L											(AM) (PM)	
	<u> </u>				OBSERVE	D SURFAC	E DATA		. Di	uration of Shut-	in Hours	
Static / Dynamic Property	Orifice Size (inches) Orifice Meter Meter Pressure Differential in psig (Pm) Inches H ₂ O		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration Liq (Hours)	Liquid Produced (Barrels)		
Shut-In	.75					polg	120	paig	90	24		
Flow						<u> </u>				.		
		Circle one:		- 	FLOW STR		RIBUTES	T				
Plate Coefficient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia	Extension F		vity Flowing Temperature Factor Fig.		Fa	Deviation Metered Factor R F _{pv} (Mcfc		GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m	
		<u> </u>		(OSCN 5)				4=12.12				
P _c)² =		: (P _w) ² =	<u> </u>	P _d =	OW) (DELIVI) CALCUL P _c - 14.4) +		 :		2 = 0.207 2 =	
(P _c) ² - (I		(P _c) ² · (P _w) ²	Choose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1, or 2. and divide	b.s-b.s	Slo	essure Curve pe = "n" - or signed fard Stope	n x L(og []	Antilog	Open Flow Deliverability Equals R x Antilog (McId)	
									1			
Open Flo	w		Mcfd @ 14.	S5 peia		Deliverat	silie.				-	
		ned authority, or			tates that he		:	maka the		ifd @ 14.65 psi		
											, 20 <u>13</u>	
The		rein, and that sa	nd report is true	and contco								
The		rein, and that sa		4.10 0011001		_			mc	<u></u>	KCC	

	status under Pulo K. A. R. 22.2.204 on behalf of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY
	t the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
	reby request a one-year exemption from open flow testing for the NIX K-1
	I on the grounds that said well:
	(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 undergoing ER 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
	is not capable of producing at a daily face in excess of 250 mc//
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as	necessary to corroborate this claim for exemption from testing.
Date: _1	1/06/2013
	m Cl. Pati
	Signature: // / / / / / / / / / / / / / / / / /
	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.