KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	ctions on Rev	verse Side,) .					
Ор	en Flo	w			Test Date:					No. 15				
De	liverab	ilty	•		07/02/2014					175-21151 - (0002			
Company Lease Well N MERIT ENERGY COMPANY KANE 1-13										Well Nu	mber			
County Location SEWARD 660 FNL & 1880 FWL					Section 13		TWP 33S			E/W)		Acres Attributed 640		
Field EAST HUGOTON					Reservoir CHASE	•		Gas Gathering ONEOK		•	ection			
Completic 04/26/19		е			Plug Bac 2724	oth	Packer Set at							
Casing Size Weight 4.5 10.5				Internal E 4.052	Diameter		Set at 2767		rations 1	To 2612				
Tubing Size Weight 2.375 4.7				Internal D 1.995	Diameter	Set at 2632		Perforations		То	То			
Type Con			escribe)		Type Flui WATE	d Production	on	Pump Unit or Traveling Plur YES - BEAM PUMP				/ No	-	
Producing Thru (Annulus / Tubing) ANNULUS						% Carbon Dioxide 0.0313%			% Nitrogen 16.3218%			Gas Gravity - G _g 0.706		
Vertical Depth(H) Pressure Taps (Meter Run) (Prove									rover) Size					
2588 FLANGE 3.068														
Pressure Buildup: Shut in														
Well on L	ine:		Started	20	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERV	ED SURFACI	E DATA			Duration of Shut-	in_24	Hours	
Static / Orifice Dynamic Size			Circle one: Meter	Pressure Differential	Flowing Temperature	Well Head	Wellhead	Casing Wellhead Pressure		ubing ad Pressure	Duration		Liquid Produced	
Property	1		Prover Pressu psig (Pm)	re in Inches H ₂ 0	t	t	(P _w) or (P	psia	(P _w) or psig	(P _t) or (P _c)	(Hours)	((Barrels)	
Shut-In							29.0	pola	0.0	polu	24			
Flow														
			1			FLOW ST	REAM ATTR	IBUTES		-	1			
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Gravity Factor F _g		Temperature Factor		iation Metered Flow ctor R 		w GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELI	VERABILITY) CALCUL	ATIONS		(P _a)	² = 0.2	07	
(P _c) ² =		_:_		:			_% (F	P _c - 14.4) +	14.4 =	:		² ==		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ fivided 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		n x LOG		Antilog	Del	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.65 psia					65 psia	osia Deliverability				Mcfd @ 14.65 psia				
		•	•				-			•	ort and that he ha		•	
the facts s	tated t	herei	in, and that sa	id report is true		R	eceived						20 <u>14</u> .	
			Witness (if	any)	K	ANSAS CORP	ORATION COM				GY COMPAN			
			For Commi	ssion		NFC	2 9 2014	JANN	IA ROK	TON (Company B	urto	~	

exempt status under Rule K., and that the foregoing press correct to the best of my kno of equipment installation and	of perjury under the laws of the state of Kansas that I am authorized to request A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY sure information and statements contained on this application form are true and wledge and belief based upon available production summaries and lease records for upon type of completion or upon use being made of the gas well herein named. ear exemption from open flow testing for the KANE 1-13 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 I further 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: DECEMBER 22, 2014	Signature: JANNA BURTON Jama Burton 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.