## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(	See Instruct	ions on Re	verse Side,	)	•				
Open Flow					Test Date: API No. 15									
Del	liverabil	ty				08/02/2014 15-175-10028-0000								
Company MERIT E		3Y (	COMPANY				Lease MARTE	NEY A			2	Well Nu	mber	
County Location SEWARD 330 FNL & 330 F					Section 21		TWP 32S	,			Acres Attributed 640			
Field HOLT					Reservoir COUNC	IL GROVE				nering Conne ENERGY C				
Completion Date 10/23/1975				Plug Back 3083	k Total Dept	h		Packer S	et at					
Casing Size 5.5			Weight 14.0		Internal Diameter 5.012		Set at <b>4463</b>		Perforations 2927		то <b>3068</b>			
Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 3080		Perforations		То			
Type Completion (Describe) SINGLE-GAS				Type Flui	1	Pump Unit or Traveling YES - BEAM PUM			MP					
Producing Thru (Annulus / Tubing) ANNULUS				% Carbon Dioxide 0.0654%				% Nitroge 15.151	0.728	Gas Gravity - G <sub>g</sub> 0.728				
Vertical Depth(H) 2998					Pressure Taps FLANGE						(Meter F 3.068		rover) Size	
Pressure	Buildup	o: \$	Shut in	1/2014 2	0 at_2	:00 PM	(AM) (PM)	Taken_08	3/02/201	4 20	at 2:00 P	<u>M</u> (	(AM) (PM)	
Well on L	ine:	;	Started	20	0 at						at		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24	Hours	
Static / Orifice Dynamic Size Property (inches)		•	Circle one: Meter Prover Pressure		Flowing Well Hea Temperature Temperatu		Casing Wellhead Pressure		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	. , , , ,		psig (Pm)	Inches H <sub>2</sub> 0			98ig 30.0	psia	psig psia 15.0		24			
Flow														
						FLOW STF	REAM ATTR	IBUTES						
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	racioi		Temperature Factor		iation Metered Flow ctor R F (Mcfd)		y GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =		•	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL	OW) (DELIV		) CALCUL <sup>2</sup> , - 14.4) +		:		<sup>2</sup> = 0.2	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		hoose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide		Backpressure Ct Slope = "n"		, r x 10G		Antiloa		pen Flow iverability R X Antilog (Mcfd)	
					İ									
		14-61 @ 44			E pois		Delivers Lille					05 asia		
Open Flo				Mcfd @ 14.			Deliverat				Mcfd @ 14.65 ps			
		-	d authority, on n, and that sai				-			ECEMBER	ort and that he ha		ledge of 20	
						Ro	ooise d		ME		GY COMPAN	Υ		
			Witness (if a	any)		NSAS CORPOR		TAKIK	IA BUR		Company  Aama (	 لىا		
			For Commis	sion		UEU	2 9 2014			Che	exect by		<i>₽</i> 1\	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY									
and that the foregoing pressure information and state correct to the best of my knowledge and belief based to	ements contained on this application form are true and upon available production summaries and lease records on or upon use being made of the gas well herein named.								
is on vacuum at the present time; K is not capable of producing at a da	on into an oil reservoir undergoing ER CC approval Docket No ily rate in excess of 250 mcf/D ny and all supporting documents deemed by Commission								
Signature: _ Title: _	JANNA BURTON Jama Burton 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.