KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	ions on Reve	erse Side,)				
Open Flow			Test Date:				API	No. 15					
De	liverabi	lty			07/02/20		_			75-21796-0	0000		
Company MERIT E		SY C	OMPANY				Lease KANE				2-13	Well Number	
County SEWAR	D	Location NE SW NE			Section 13				RNG (E/W) 32W		Acres Attributed 640		
Field EAST HUGOTON					Reservoir CHASE			Gas G ONE		nering Conne	ection		
Completio 06/13/20		9			Plug Back 2814	k Total Dept	h		Packer S	et at			
Casing Si	ize	Weight 10.5			Internal Diameter 4.052		Set at 2856		Perforations 2544		то 2594		
Tubing Size 2.375		Weight 4.7			Internal Diameter 1.995		Set at 2550		Perforations		То		
Type Con	•	•	scribe)		Type Fluid	d Production	า			it or Traveling BEAM PU	•	/ No	
Producing		(Annulus / Tubing)			% c	arbon Dioxi	de	e % Nitro 15.06			Gas Gra 0.711	Gas Gravity - G _g	
Vertical D)				·	sure Taps		10.000			Run) (Prover) Size	
2569						FLAI					3.068		
Pressure	Buildu	o: 8	Shut in	1/2014 2	0 at	1:30 AM	(AM) (PM)	raken <u>0</u> 7	/02/201	4 20	at11:30 /	4M (AM) (PM)	
Well on L	ine:	S	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	in 24 Hours	
Static / Dynamic Property	/ Orifice ic Size Prove		Circle one: Meter Prover Pressur		Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			22.0	psia	psig 0.0	psia	24		
Flow								-					
						FLOW STR	REAM ATTRI	BUTES	· .			· · · · · · · · · · · · · · · · · · ·	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Gravity Factor F _g		Flowing Temperature Factor F _{tt}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	y GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m	
(D \2 _			/P \2 -		•		'ERABILITY) % (P_		ATIONS 14.4 =		(P _a) ² (P _d) ²	² = 0.207	
$(P_c)^2 =$ $(P_c)^2 - (P_c)^2 - (P$	P _a) ²		_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	LOG of formula		Backpress Slope Assi	sure Curve = "n" or gned rd Slope	nxt	[7	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w	<u>.</u>		Mcfd @ 14.	65 psia	· · · · -	Deliverabil	ity			Mcfd @ 14.65 psi	<u> </u> a	
		•	•	behalf of the			•			*	rt and that he ha	s knowledge of	
						Rece	eived				GY COMPAN		
			Witness (if	апу)	CKINJ		TION COMMISSI			For C	Company	_	
			For Commi	ssion		UEC 2	9 2014 _	JAININ	IA BUR	Chec	ckerby	Burton	

	clare under penalty of perjury under the laws 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
	the foregoing pressure information and statements contained on this application form are true and
correct to	o 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 KANE 2-13
	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
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date: D	ECEMBER 22, 2014
	1
	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.