KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Rev	erse Side)					
Op	en Flo	W			Test Date				A DI	No. 15				
Deliverability					Test Date: 08/26/2014					No. 15 129-21526-0	0000			
Company MERIT E		GY (COMPANY	_	<u> </u>		Lease THURO	N A				w 2	ell Numbe	er
County Location MORTON 1320 FSL & 330 FWL			Section 2		TWP 33S		RNG (E/W) 41W			Acres Attributed 640				
Field DUNKLE	EBER	GEF	₹	··· <u>-</u>	Reservoir LOWER M		AMONT/CHER	OKEE	Gas Gat APC	hering Conn	ection			
Completion 10/24/19		e			Plug Baci 5160	k Total Dept	th		Packer S NA	Set at		-		
Casing Size Weight 5.5 15.5#			Internal D 4.95	Diameter	Set at 5274		Perforations 4305		то 5146					
Tubing Size Weight 2.375 4.7			Internal E 1.995	Diameter	Set at 5020		Perforations NA		To NA					
Type Completion (Describe) COMMINGLE GAS			Type Fluid Production WATER				Pump Unit or Traveling Plunger? Yes / No YES							
Producing	-	(Anı	nulus / Tubing	1)	% C	arbon Dioxi	ide		% Nitrog	en	G	as Gra	vity - G _a	
Vertical E		1)				Pres. FLAI	sure Taps NGE				(N 4		un) (Prove	er) Size
Pressure	Buildu	p:	Shut in _08/2	25/2014 2	1: 0 at1:			Taken_08	3/26/201	14 20	at12	2:00 P	M_ (AM)) (PM)
Well on Line: Started			20	20 at			(AM) (PM) Taken		20	at		(AM)	(PM)	
						OBSERVE	D SURFACE	DATA			Duration of	Shut-in	24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well He Temperature t		wellhead Pressure (P_{\bullet_i}) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	0.75		paig (i iii)	mones H ₂ u			psig 31	psia	psig	psía	24			
Flow														
				. <u> </u>		FLOW STR	REAM ATTRI	BUTES						
Plate Coefficeient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m xh	Gravity Factor F		Temperature F		viation Metered Flow actor R (Mcfd)		w GOR (Cubic Fee Barrel)		,	towing Fluid Sravity G _m
					(OPEN FL	 OW) (DELIV	ERABILITY)	CALCUL	ATIONS					
(P _c) ² =		_:	(P _w) ² =		` P _d =		•	- 14. <u>4)</u> +		<u>:</u>		(P _d) ² ;	= 0.207 = <u> </u>	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	$P_{c})^{2} - (P_{w})^{2}$ $Choose formula 1 or 2:$ $1. P_{c}^{2} - P_{s}^{2}$ $2. P_{c}^{2} - P_{d}^{2}$ $\text{divided by: } P_{c}^{2} - P_{w}^{2}$		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" The or		n x 106		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	····			Mcfd @ 14.	65 peia		Deliverabi	lih.			Mcfd @ 14.	SE poin		
									<u> </u>	<u> </u>		·		
				n behalf of the aid report is true			•			•	rt and that	he has	knowledg , 20 _	
							ICH:TZ			IT ENER				
			Witness (i				2 2014 <i>-</i>		BUR	TON	Company Dames	- 13.	witon	
			For Comm	ission			EIVED			Che	sked by	_		-

exempt status under and that the foregode correct to the best of of equipment installa	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY ing pressure information and statements contained on this application form are true and f my knowledge and belief based upon available production summaries and lease records ation and/or upon type of completion or upon use being made of the gas well herein named. It a one-year exemption from open flow testing for the THUROW A 2 ands that said well:
i i i i i i i i i i i i i i i i i i i	s a coalbed methane producer s cycled on plunger lift due to water s a source of natural gas for injection into an oil reservoir undergoing ER s on vacuum at the present time; KCC approval Docket No s not capable of producing at a daily rate in excess of 250 mcf/D o supply to the best of my ability any and all supporting documents deemed by Commission o corroborate this claim for exemption from testing.
	Signature: JANNA BURTON Jame Burton Title: REGULATORY ANALYST

Instructions:

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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.