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

Type Test	t:				(	See Instruct	ions on Re	verse Side	)				
on	en Flo	w			Tool Date				40	No. 45			
[v] De	liverat	ilty			Test Date 05/07/26				15-	No. 15 1 <b>29-21635</b> -	00-00		
Company MERIT		GY	COMPANY	-	Lease MURPHY C			HY C	Well Nui 2			Well Number	
County MORTON			Location 990 FSL & 1980 FEL		Section 11		TWP 32		RNG (E/W)		Acres Attributed 640		
Field RICHFIE	ELD			<u> </u>	Reservoir			· <del></del>		thering Conn			
Completic 06/01/20		e		<del></del> - , ,	Plug Bac 5300	k Total Dept	h	<u> </u>	Packer :	Set at			
Casing Size 5.5			Weight 15.5#		Internal Diameter 4.95		Set at 5515		Perforations 4898		то 5116		
Tubing Size 2.375			Weight	<del></del>	Internal Diameter		Set at 4935		Perforations NA		To NA		
Type Con					Type Flui	d Production			Pump U	nit or Traveling		/ No	
SINGLE GAS Producing Thru (Annulus / Tubing)					WATER % Carbon Dioxide			YES % Nitrogen			Gas Gravity - G		
TUBING	3	,							78 TAILI O				
Vertical C 5181	)epth(H	1)				Pres: FLAI	sure Taps NGE				(Meter F 3	Run) (Prover) Siz	.0
Pressure	Buildu	p:	Shut in _05/0	72	11 at 9	MA 00	(AM) (PM)	Taken 05	5/08	20	11 at 9:00 A	M(AM) (PM)	)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	}
						OBSERVE	D SURFAC	E DATA		_	Duration of Shut-	in Ho	urs
Static / Dynamic	Orifi Siz	6	Circle one: Meter Prover Pressur	Pressure Differential e In	Flowing Temperature		Wellhead	sing   Pressure   P, ) or (P, )	Wellhe	Tubing ead Pressure r (P, ) or (P <sub>a</sub> )	Ouration (Hours)	Liquid Produced	Hours
Property	(inch		psig (Pm)	Inches H <sub>2</sub> 0	t	t -	psig	psia	psig	psia			
Shut-In	1.25	•					[	62		45			_
Flow			<u> </u>			FLOW STR	EAN ATTE	PUTES				<u> </u>	
Plate			Circle one:				Flowing	IBUIES				Flowing	_
Coeffieclent		Pro	Meter or over Pressure psia	Press Extension	Pacior		Temperature Factor F <sub>tt</sub>		iation ctor py	Metered Flow R (Mcfd)	V GOR (Cubic Fed Barrel)	Elvia "	
								•					
(P <sub>4</sub> ) <sup>2</sup> =			/O \2 -		•	OW) (DELIV		•				= 0.207	
( <u>, , , , , , , , , , , , , , , , , , , </u>	7	<u></u>	(P <sub>_</sub> ) <sup>2</sup> =_	hoose formula 1 or 2	P <sub>a</sub> =	<del></del> `		P <sub>e</sub> - 14.4) +			(P <sub>a</sub> ) <sup>2</sup>		_
$(P_q)^2 - (P_a)^2$ or $(P_q)^2 - (P_a)^2$		(F	(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>e</sub> <sup>2</sup> - 2. P <sub>e</sub> <sup>2</sup> - divided by: F		and divide   p 2 . p 2		Backpressure Curve Slope = "n" 		n x ŁOG		Antilog	Open Flow Deliverability Equals R x Antik (Mcfd)	эg
										-		-	
						· · · · · · · · · · · · · · · · · · ·							_
Open Flow Mcfd @ 14.65					65 psia	psia Deliverability			Mcfd @ 14.65 psla				
											rt and that he ha		
the facts s	tated ti	herel	n, and that sai	d report is tru	and correc	t. Executed	this the 1	) //	day of <u>L</u>	ECEMBER	1 15	, 20 <u>11 </u>	<b>-</b> ·
	- <del></del> -		Witness (if	uny)	-			<u>\/\/\/\/</u>	LCH	ech f	accute company	ECEIVED	
			For Commis	sion		<del></del>	-			Che	ked by	EC 1 6 201	11_

	et entre .
1 de	eclare 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
	at the foregoing pressure information and statements contained on this application form are true and
correct	to the best of my knowledge and belief based upon available production summaries and lease records
, ,	oment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the MURPHY C-2
	Il on the grounds that said well:
	(Charle and)
	(Check one) is a coalbed methane producer
	is a coalbed methane producer is a 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
	19 Hot capable of producing at a daily fate in excess of 250 months
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissic
staff as	necessary to corroborate this claim for exemption from testing.
Date: _1	2/15/2011
	Signature: Mchey Patrick
	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.