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

Type Test	t:	-	_	0	See Instructi	ions on Rev	erse Side	)				
□ Ор	en Flow			Test Date				ΛDI	No. 15			
De	liverabilty			08/16/20	-				129-21726-0	000		
Company MERIT E		COMPANY				Lease MURPH	Y C			V 3	Vell Nu	mber
		Location 1320 FSL	า & 330 FWL	Section 11				RNG (E/W) 41W		Acres Attributed 640		ttributed
Field RICHFIE	ELD .			Reservoir LOWER	MORROV	٧		Gas Gat APC	hering Conne	ection		
Completic 04/28/20				Plug Back 5517	k Total Depti	h		Packer S NA	Set at			
Casing S 5.5	ize	Weight Internal Diameter Set at 15.5# 4.95 5597		Perforations 5088		то <b>522</b> 8						
Tubing Si	ize	Weight		Internal Diameter Set at Perforations To 2,441 5085 NA NA				· · · · · · · · · · · · · · · · · · ·				
2.375	npletion (D	6.5				/ No						
SINGLE GAS		63611007		WATER				YES	in or maveling	Trangon: 100	51: 165 / NO	
Producing TUBING	_	nulus / Tubing)		% C	arbon Dioxid	de		% Nitrog	en	Gas Gra	wity - C	à <sub>g</sub>
Vertical D	Depth(H)				Press FLAN	sure Taps NGE			1	(Meter F 3	lun) (Pi	rover) Size
Pressure	Buildup:	Shut in 08/1	5/2014 2	0at1	0:00 AM	(AM) (PM)	Taken_08	3/16/201	14 20	at _10:00 A	λM (	AM) (PM)
Well on L	.ine:	Started	20	0 at		(AM) (PM)	Taken		20	at	(	AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-i	n_24	Hours
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure	Pressure Differential in	Flowing Temperature t	Well Head Temperature t	Casin Wellhead F (P <sub>w</sub> ) or (P <sub>1</sub>	ressure	Wellhe	Tubing ad Pressure r (P <sub>1</sub> ) or (P <sub>6</sub> )	Duration (Hours)		d Produced Barrels)
Shut-In	1.75	psig (Pm)	Inches H <sub>2</sub> 0	· —	<u> </u>	psig 24	psia	psig	psia	24		
Flow												
					FLOW STR	EAM ATTRI	BUTES					,
Plate Coeffied (F <sub>b</sub> ) (F Mofe	cient <sub>p</sub> ) <i>Pro</i>	Circle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor T	Flowing Temperature Factor F <sub>rt</sub>	Fa	iation ctor pv	Metered Flow R (Mcfd)	v GOR (Cubic Fer Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>
												l
/P \2 =	:	(P <sub>w</sub> ) <sup>2</sup> =_		-		ERABILITY) % (P.	CALCUL - 14.4) +		•	(P <sub>a</sub> ) <sup>2</sup> (P <sub>a</sub> ) <sup>2</sup>	e 0.2	07
		C	hoose formula 1 or 2	<u>.</u>		T	sure Curve			ν α/		en Flow
(P <sub>c</sub> ) <sup>2</sup> -( or (P <sub>c</sub> ) <sup>2</sup> -(		P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> vided by: P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	LOG of formula 1, or 2, and divide by:	P.2- P.2	Ass	e ≕ "n" or igned ird Slope	. nx	LOG	Antilog	Del Equals	iverability R x Antilog (Mcfd)
				1		<u> </u>					_	. <u> </u>
Open Flo	ow		Mcfd @ 14.	.65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	a	
	•	d authority, on in, and that said				•			•	rt and that he ha		ledge of 20 14
ule lacis s	sialeu IIIefe	on, and that sale	a report is that									
		Witness (if a			DEC 12	2014	JANNA	A BUR	TON	GY COMPA Company Jama B	wt	<u> </u>
		For Commis	slon						Che	cked by		

RECEIVED

l de	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
	t the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
of equip	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l her	reby request a one-year exemption from open flow testing for the MURPHY C-3
	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
stan as r	necessary to corroborate this claim for exemption from testing.
- · 1′	2/09/2014
Jate: _ 14	2/08/2014
	Signature: JANNA BURTON Jama Burton
	J. Carrier
	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.

400.234