KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					(See Ins	tructi	ons on Rev	verse Side)					
Ope	n Flov	٧			Test Date					۸DI	No. 15				
Deliv	verabil	lty			11/02/20						175-21346-(00-01			
Company Merit Ene	ergy C	om	pany					Lease Underwe	ood "A"		 	·	3	Vell Nu	mber
County Seward			Locatio 660' FSL	on . & 660' FEL	Section 23			TWP 34S		RNG (E.	W)			Acres A	Attributed
Field Adamson	1					Reservoir Lower Morrow				Gas Gathering Conne APC					
Completior 10/14/201)			Plug Bac 6443'	k Total	Depth	n		Packer S NA	Set at				
Casing Siz 5.5	ze		Weight 15.5#		Internal I 4.95	Internal Diameter 4.95			Set at 6700'		Perforations 6146'		то 6150'		
Tubing Siz 2.375	ze		Weight 4.7#	1	Internal I 1.995	Internal Diameter 1.995			Set at 6120'		Perforations NA		To NA		
Type Comp Single G		(De	scribe)		Type Flui		ction	!		Pump Ui No	nit or Traveling	Plunger?	Yes	/ No	
_	Thru	(Anr	ıulus / Tubing	1)		arbon [Dioxid	ie		% Nitrog	jen		Gas Gra	avity - (3 ₀
Tubing	noth/t.l			· · · · · · · · · · · · · · · · · · ·			Dec	uro Tono					/b/l=/	December 177	
	Vertical Depth(H) 6700'				Pressure Taps Flange					(Meter Run) (Prover) Size 3					
Pressure E	Buildup	o: \$	Shut in 11/0	01 2	0_13_at_8				Taken 11	//02	20	13 at 8		M ((AM) (PM)
Well on Lin	ne:	٦ (Started !	2	0 <u>* </u>	.e. e.	<u> </u>	(AM) (PM)							(AM) (PM)
, , ;				311 to 11	2253	OBSE	RVE	D SURFACE	DATA			Duration		<u>24</u>	
Static / Dynamic Property	Orific Size (inche	Meter Prover Pressur		Pressure Differential re in Inches H ₂ 0	Flowing Well Temperature Temp				Pressure ·	Wellhe	Tubing ad Pressure r (P _t) or (P _c) psia	- Duration (Hours)		Liquid Produced (Barrels)	
Shut-In								42		porg	pola	24		0	
Flow								İ		<u> </u>					
				•		FLOW	STRE	EAM ATTR	IBUTES	•	•		-	•	
Plate Coeffiecie (F _b) (F _p) Mcfd		Circle cne: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac F _s	tor	Flowing Temperature Factor F _{II}		Fa	iation ctor : pv	Metered Ffor R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
	ļ				(OPEN FL	OW) (DI	 ELIVE	ERABILITY)	CALCUL	ATIONS			/D \2		107
(P _c)² =		_:	(P _w) ² =	<u> </u>	P _d =		%	6 (F	' _c - 14.4) +	14.4 =	:		(P _d) ²	'≔ 0.2	<u>.</u>
(P _a) ² - (P _a or (P _a) ² - (P _a	•	(P	(p)2 - (Pw)2	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. end divide	P.2 . P.	2 **	Slop	ssure Curve be = "n" or signed ard Slope	l n x	LOG	Antil	'og	Del Equals	oen Flow iverability s R x Antilog (Mcfd)
						1,1				, .	1 Py				
	•			1.4	San t	· · ".		<u>] </u>		-	n.,		-1-2	<u></u>	hi.
Open Flow		nner	Lauthority or	Mcfd @ 14.		tates +	at he	Deliverab		n maka il	a above resis	Mcfd @ 1			dódas és
				i benair or the tid report is true						day of A		and me			20 <u>14</u>
								<i>(</i> =	Lud	s. Il	Noor	ר		KC	C WICH
			Witness (if	any)				_	-1/		For	Company		Δı	PR 2 3 20
			For Commi	ission			_	_	-	·- · · · · · ·	Che	cked by			RFCFIVE

مروحي بقمقم فتومتوميم	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der Rule K.A.R. 82-3-304 on behalf of the operator Merit Energy Company
	going pressure information and statements contained on this application form are true and
	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the
gas well on the g	rounds that said well:
(Chec	(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
Same State of the State	and the confidence of the property of the prop
🤏 I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as necessa	ý to corroborate this claim for exemption from testing.
Date: <u>04/21/201</u>	17
Date: <u>04/21/201</u>	47
Date: <u>04/21/201</u>	
Date: <u>04/21/201</u>	
Date: <u>04/21/201</u>	
Date: <u>04/21/201</u>	Signature:

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.