Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				Ó	See Instruct	ions on Reve	rse Side)				1	
Op	en Flo	w												
De	liverab	ilty			Test Date 04/22/20					No. 15 129-21526-0	000			
Company MERIT E		 GY •	COMPANY	·····	OWLLD	-	Lease THUROV	/ A				Well Nu	mber	
County MORTON		Locati	Location 1320 FSL & 330 FWL		Section 2		TWP 33S		W)	Acres Attributed 640				
Field DUNKLE	EBER	GEF	₹		Reservoir		AMONT/CHERO	KEE	Gas Gat	hering Conne	ection			
Completic 10/24/19		е			Plug Back 5160	k Total Dept	h	,	Packer S NA	Set at				
Casing S 5.5	ize		Weigh 15.5#		Internal C 4.95	Diameter	Set at 5274		Perfo 430	rations 5	To 5146			
Tubing S 2.375	ize		Weigh 4.7	t	Internal D 1.995	Diameter	Set at 5020		Perfo NA	rations	To NA			
Type Con					Type Flui WATE	d Production	1	•	Pump Ut YES	nit or Traveling	Plunger? Yes	/ No		
Producing	=	(Anr	nulus / Tubing	3)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	avity - (3,	
Vertical E		1)		, ,	Spring C		sure Taps NGE		نيي کن	;	(Meter F 4	łun) (P	rover) Size	
Pressure	Buildu	p: ·	Shut in 04/	22 2	15 at 12	2:00 PM	(AM) (PM) T	aken_04	/23	20	15 _{at} 12:00 l	PM ((AM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM) T	aken		20	at	((AM) (PM)	
			1 2 2	1 -	1	OBSERVE	D SURFACE				Duration of Shut-	n_24	Hours	
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pr (P _w) or (P ₁) psig	essure	Wellhe	Tubing ad Pressure r (P _r) or (P _c) psia	Duration (Hours)	1 '	d Produced Barrels)	
Shut-In	0.75	i					42				24			
Flow						<u>. : </u>						<u> </u>		
	ı			<u> </u>		FLOW STR	EAM ATTRIB	UTES					i i	
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or over Pressure psla	Press Extension P _m x h	Grav Fact F _s	tor T	Flowing Femperature Factor F ₁₁	Fa	ation ctor	Metered Flow R (McId)	GOR (Cutric Fer Barrel)	et/	Flowing Fluid Gravity G _m	
									•					
					(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)	= 0.2	07	
(P _c) ² =		_:	(P _w) ² =	:	P _d =	9	% (P _c	- 14.4) +	14.4 =	:	(P _a) ²			
$(P_c)^2 - (P_s)^2$ P_c or $(P_c)^2 - (P_d)^2$		(P _o) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_s^2$	1. P _c ² P _s ² LOG of formula 2. P _c ² P _d ² 1. or 2: and crivide		P _c ² - P _v ² Ass		n x	LOG	Antilog	Del Equals	Open Flow Deliverability Juals R x Antilog (McId)	
								-	-					
							<u> </u>							
Open Flow Mofd @ 14.65			65 psia	psia Deliverability			Mcfd @ 14.65 psia							
		•	•							ovember ne above repo	rt and that he ha		ledge of 20 15	
ine tacts s	ialed t	nerei	in, and that sa	aid report is true	е ан и соп ес	r. Executed	•				y Company		<u> </u>	
			Witness (I any)	KANS	AS CORPORA	TION COMMISSI	ŌN		ForC	Company			
			For Comm	nissio 1		DEC 0	2 2015 -				McClurkan			

CONSERVATION DIVISION WICHITA, KS

I declare 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. 82-3-384 on behalf of the operator Merit Energy Company
and that 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the
(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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from testing. Date: November 30, 2015
Signature: <u>Katherine McClurkan Hollund McClurkan Hollund</u> Received KANSAS CORPORATION COMMISSION Title: Regulatory Analyst DEC 0 2 2015
CONSERVATION DIVISION WICHITA, KS

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.