KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Reve	erse Side)			
□ Ор	en Flo	w ,			Task Date				4 DI	No. 45		
De	liverat	ilty			Test Date 09/14/20					No. 15 175-00034- (0001	
Company MERIT E		GY	COMPANY	*			Lease DAVIES				1-36	Well Number
County SEWARD			Location 1420' FNL & 1320' FWL		Section 36		TWP 33S		RNG (E/W) 32W		Acres Attributed 640	
Field ARKALO	ON				Reservoir LOWER		W/CHESTE	R	Gas Gat APC	hering Conn	ection	
Completion 06/23/19		te			Plug Bac 5775'	k Total Dept	h		Packer S NA	Set at		
Casing Size			Weight 9.5# & 11.6#		Internal Diameter 4.95		Set at 5822'		Perforations 5673'		т _о 5769'	
Tubing Size 2.375			Weight 4.7#		Internal Diameter 1.995		Set at 5642'		Perforations NA		To NA	
Type Con						d Production R/COND	า		Pump Ur NO	nit or Traveling	Plunger? Yes	/ No
Producing TUBING	-	(Anı	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G _g
Vertical 5721	epth(F	H)				Pres: FLAI	sure Taps VGE				(Meter F 3	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in 09/	142	20 15 at 8	:30 AM	(AM) (PM)	Taken_09	9/15	20	15 at 8:30 A	M (AM) (PM)
Well on L	ine:		Started	2	10 at		(AM) (PM) 1	íaken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P _t) psig	ressure	Wellhe	Tubing ad Pressure r (P ₁) or (P _e) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.75						140.0		polg	рэн	24	
Flow											١	
						FLOW STR	EAM ATTRIE	BUTES				
Plate Coefficient (F _b) (F _p) Mctd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Extension Fact		or. Temperature		ation ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m
					(ODEN EL	DIV (BELIV	EDADU (TV)	CAL OUT	ATIONS			
(P _c) ² =		;	(P _w) ² =		OPEN FLO		ERABILITY) (P _e	- 14.4) +		·	(P _a) ² (P _d) ²	? = 0.207 ! =
(P _c) ² - (I or (P _c) ² - (I	_	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_a^2 - P_a^2$ 2. $P_a^2 - P_d^2$ divided by: $P_a^2 - P_d^2$	LOG of formula 1. or 2. and divide	P.2. P.2	Backpress Slope 	= "n" r gned	n x !	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
<u> </u>				,								
Open Flo	w			Mcfd @ 14.	.65 psia		Deliverabili	ty			Mcfd @ 14.65 psi	a
		•	•				•			ne above repo ovember	ort and that he ha	s knowledge of
ine facts s	tated t	nerei	n, and that sa	aid report is true	e and correct	t. Executed Receiv		<u></u> '			y Company	_
			Wilness (i	fany)	KANSAS	CORPORATIO	N COMMISSION			For	ompany	
			ForComm	ission		DEC 02	2015	·····	······································		McClurkan	

	under the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator Merit Energy Company
and that the foregoing pressure inform	ation and statements contained on this application form are true and
correct to the best of my knowledge and	d belief based upon available production summaries and lease records
of equipment installation and/or upon ty	pe of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemp	tion from open flow testing for the Davies 1-36
gas well on the grounds that said well:	
(Check one)	
is a coalbed methan	
is cycled on plunger	lift due to water
is a source of natura	ll gas for injection into an oil reservoir undergoing ER
is on vacuum at the	oresent time; KCC approval Docket No
\checkmark is not capable of pro	oducing at a daily rate in excess of 250 mcf/D
I further agree to supply to the bes	t of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this o	
,	·
Date: November 30, 2015	
Date: November 63, 23 to	
	and and a
Received KANSAS CORPORATION COMMISSION	Signature: Katherine McClurkan & Dhume // Juk
_ _	Title: Regulatory Analyst
DEC 0 2 2015	Title
CONSERVATION DIVISION	

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.