KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Reve	erse Side)			
Open Flow				Tool Date	Test Date:							
Deliverabilty					Test Date: 03/10/2015				No. 15 175 -21 346-0	0001		
Company MERIT E		GY	COMPANY				Lease UNDERV	VOOD A	4		3	Well Number
County Location SEWARD 660' FSL & 660' FEL				Section 23				RNG (E	, ,		Acres Attributed 640	
Field ADAMSON				Reservoir LOWER	MORROV	v		Gas Gai	hering Conn	ection		
Completic 10/14/20		le			Plug Back 6443'	k Total Dept	h	-	Packer S NA	Set at		
Casing Size Weight 5.5 15.5#				Internal D 4.95	Diameter	Set at 6700'		Perforations 6146'		то 6150'		
Tubing Size			Weight			Internal Diameter		Set at		rations	To	
2.375 4.7# Type Completion (Describe)				1.995	d Draduation			NA Bump U	rit or Travellac	NA Plunger? Yes	/ No	
SINGLE	GA:	S			- NA	d Production	1		NO NO	iit ur fraveiling		
Producing TUBING		(Anı	nulus / Tubing)	% C	arbon Dioxi	de .		% Nitrog	en	Gas Gr	avity - G _g
Vertical D	epth(F					Press FLA	sure Taps NGE				(Meter I	Run) (Prover) Size
Pressure	Buildu	p:	Shut in 03/	0 2	15 at 9:	30 AM	(AM) (PM) 1	aken 03	3/11	20	15 _{at} 9:30 A	M(AM) (PM)
Well on L	ine:				0 at		(AM) (PM) 1	aken		20	at	(AM) (PM)
-					,	OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours
Static / Orifice Dynamic Size Property (inches		e.	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		$\{P_w\}$ or $\{P_t\}$ or $\{P_c\}$		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			F***9 (* ***)	inches rigo		- · -	45.0	psia	psig	psia psia	24	
Flow											_	
						FLOW STR	EAM ATTRIE	UTES				<u> </u>
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension Pmxh	Extension Factor		Flowing emperature Factor F ₁ ,	Deviation Factor F _{pv} .		Metered Flow R (Mcfd)	v 60R (Cubic Fe Barrel)	Flowing Fluid Gravity G_m
									ı			
					•	OW) (DELIV	ERABILITY)					² = 0.207
(P _c) ² =		:	(P _w)² =	Chaose formula 1 or 2	P _d = .	9	% (Р _с	- 14.4) +	14.4 =	;	(P _d):	² = <u> </u>
(P _c) ² - (I or (P _c) ² - (I	I	(F	P _c) ² - (P _w) ²	1. Pc2 - Pc2 2. Pc2 - Pc2 tividod by: Pc2 - Pc3	LOG of formula 1, or 2, and divide	P _c ² - P _w ²	(eure Curve := "π" or gned d Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				w								
											=	
Open Flor	w			Mcfd @ 14.	.65 psia		Deliverabili	ty			Mcfd @ 14.65 psi	а
		•	•				•				rt and that he ha	
the facts s	tated t	herei	n, and that sa	id report is true	e and correct	t. Executed	this the 301	<u>n</u>	day of _N	ovember		, 20 15
			Witness (il	anvi			ceived	MUISS			ergy Compa	any
			44mes5 (U		rv-		RATION COMM				erine McClu	ırkan
			For Comm	ssion	-	DEC	0 2 2015			Che	cked by	<u></u>

CONSERVATION DIVISION WICHITA, KS

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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. 82-3-304 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
gas well 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
15 Hot capable of producing at a daily falls in excess of 200 mg/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
Date: November 30, 2013
Signature: Katherine McClurkan Youhum M Clurke
Received
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.