KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instruc	tions on Rev	erse Side	;)					
Open Flow				Toot Date	Test Date:			A DI	No 4E						
Deliverabilty					03/12/2015			API No. 15 15-175-21621-0000							
Company MERIT E		GY ·	COMPANY	,	<u> </u>			Lease BROWN				K-1	Weil Nu	umber	
County Location SEWARD 400' FNL & 400' FEL				Section 6			TWP 35S		RNG (E/W) 32W		Acres 640	Attributed			
Field CONDIT					Reservoir LOWER MORROW/ CHESTER D			Gas Gathering Connection APC .							
Completion Date 07/19/1997				Plug Back Total Depth 6250'				Packer S NA	Set at						
Casing Size Weight 5.5 15.5#					Internal [nal Diameter Set at 6509'			Perforations 6012'		то 6189	То 6189'			
Tubing Size Weight 2.375 4.7#					Internal E 1.995	Diameter	Set at	Set at Perf 6044' NA		rations	To NA				
Type Completion (Describe) COMMINGLED GAS					d Productio					/ No					
Producing	g Thru		nulus / Tubir	ıg)			arbon Diox	ide	-	% Nitrog	en	Gas G	ravity - I	G _g	
TUBING Vertical E		1)					Duca	sure Taps				/Matas	Dua\ /D	rover) Size	
6029'	zepin(r	1)						NGE				4	nuii) (F	Tover) Size	
Pressure	Buildu	p:	Shut in 03	/12	2	o <u>15</u> at 1	2:00 PM	(AM) (PM)	Taken_00	3/13	20	15 at 12:00	PM	(AM) (PM)	
Well on L	.ine:		Started		20	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
			<u> </u>	-			OBSERVE	D SURFACE	DATA			Duration of Shut	-in24	Hours	
Static / Orifice Dynamic Size Property (inches		e	Prover Pressure		sure ential n	Flowing Well Head Temperature Temperature t t		Casing Wellhead Pressure (P_w) or (P_1) or (P_0)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-in .75			psig (Pm)	Inche	s H₂Œ			psig 90.0	psia	psig	psia	24			
Flow															
	·						FLOW STF	L	BUTES						
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h		Gravity Factor F _g		Flowing Deviation Factor Fig.		ctor R		y GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
		٠.													
	•			•		(OPEN FL	OW) (DELIV	ERABILITY)) ² = 0.2	207	
(P _e) ² =		_:_	(P _w) ² :	Choose form		P _a =	<u> </u>	% (P,	14.4) +	14.4 =	 :	(P _d) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	(P _c) ² - (P _w) ²		1. P _c ² - P _a ² 2. P ² - P ²		tormula 1. or 2. and divide by: p 2 - p 2 w		Backpressure Curve Slope = "n"or Assigned Standard Slope		LOG	Antilog	Antilog Equal		
										F					
Open Flow		Mcfd @ 14.6				65 psia		Deliverabi	Deliverability		Mcfd @ 14.65 psia				
		•	•					ne is duly aut		day of N	ovember	ort and that he h		vledge of 20 15 .	
Witness (if any)				KANSAS C	Received KANSAS CORFURATION COMMISSION				Merit Energy Company For Company Katherine McClurkan						
	For Commission				ne. : n 2 2015				Checked by						

DEC 0 2 2015

exempt status un and that the for- correct to the be of equipment ins I hereby req	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request nder Rule K.A.R. 82-3-304 on behalf of the operator Merit Energy Company regoing pressure information and statements contained on this application form are true and set of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named. Suppose a one-year exemption from open flow testing for the Brown K-1 grounds that said well:
gas well on the t	grounds that said well.
(Chec	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 mct/D
_	ree to supply to the best of my ability any and all supporting documents deemed by Commission ary to corroborate this claim for exemption from testing.
Date: Novembe	er 30, 2015
DE	Received Signature: Katherine McClurkan Whymi Mulliubin C 0 2 2015 ERVATION 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.