KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	tions on Revi	erse Side)					
Open Flow										-				
Deliverabilty					Test Date: 04/30 <u>/</u> 2015				No. 15 -081 <mark>-21996-</mark> (0000				
Company MERIT ENERGY COMPANY					Lease LONGBOTHA				·.	. 9	. Well Number 9			
County Location HASKELL 2258 FSL & 330 FWL				Section 3			TWP RN0 30S 32V		/W)	1	Acres 640	Attributed		
Field DIADEN				Reservoir ST LOU		, ,		Gas Gar ONEO	thering Conn K	ection				
Completion Date 12/13/2012				Plug Bac 5771	k Total Dept	h	Packer Set at		Set at			•		
Casing S	ize	Weight 17.0			Internal Diameter 4.892		Set at 5815		Perfo	rations 3	To 5561			
Tubing Si	ize	Weight 4.7			Internal E 1.995	Diameter	Set at 5594		Perforations		, To			
Type Completion (Describe) SINGLE-GAS				Type Fluid Production WATER				Pump Unit or Traveling Plunger? Yes / No YES - TRAVELING PLUNGER						
Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide			% Nitrog	jen	Gas Gi	Gas Gravity - G			
ANNULUS Vertical Depth(H)			0.1109	0.1109% Pressure Taps			9.441	0%	0.746		rover) Size			
5557	рерицг	•				FLA	•				3.068	3		
Pressure	Buildu	p:	Shut in04/3	30 2	20 15 at 1	0:30 AM	(AM) (PM)	Taken_05	5/01	20	15 at 10:30	AM_	(AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM) 1	Taken		20	at		(AM) (PM)	
					1	OBSERVE	D SURFACE	DATA			Duration of Shut	<u>in 24</u>	Hours	
Static / Orific Dynamic Size Property (inche		e Prover Pressure		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P_w) or (P_l) or (P_c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In		pag (wy		20			59.0	psia	psig	psia	24			
Flow														
,						FLOW STR	EAM ATTRIE	BUTES		,				
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Extension Factor		Flowing emporature Factor F _{Ir}	Deviation Factor F _{p+}		Metered Flow R (Mctd)	GOR (Cubic Feel/ Barrel)		Flowing Fluid Gravily G _m	
					,		ERABILITY)					² = 0.2	.07	
(P _c) ² =		_:_	(P _w) ² =	Choose formula 1 or 2	P _d =		% (Р _с	- 14.4) +	14.4 =	: -	(P _d)	1 ² ==		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² -(P _w) ²		1. P _c ² - P _s ² 2. P _c ² - P _d ² tividad by: P _c ² - P _d	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpressure Curv Slope = "n" Assigned Standard Slope		n x LOG		Antilog	Del Equal:	Open. Flow Deliverability Equals R x Ant∎og (Mcfd)	
													_	
Open Flow				Deliverability				Mcfd @ 14.65 psia						
		-	_				-				ort 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 30	in	day of	lovember		,	₂₀ <u>15</u> .	
Wilness (if any)					Received -				Merit Energy Company For Company					
					K	KANSAS CORPORATION COMMISSION				Katherine McClurkan				
			For Commi	ssion		nec:	0.2.2015	ļ		Che	cked by			

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 Longbotham 9
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 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: <u>November 30, 2015</u>
Received KANSAS CORPORATION COMMISSION DEC 0 2 2015 Signature: Katherine McClorkan Volunt McClorkan Katherine McClorkan Volunt McClorkan Regulatory Analyst
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.