KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instruci	tions on Reve	erse Side)					
Open Flow				Tool Date	Test Date:				No. 15				
Deliverabilty					09/20/2015				API No. 15 15-081-21132-0001				
Company MERIT ENE	ERGY	COMPANY				Lease OWENS	'A'				Well Number #7		
County Location HASKELL N/2 SW NW SW			Section 16		TWP 29		RNG (E/W) 34W			Acres Attributed 640			
Field EUBANK				Reserveir ATOKA, MORROW, PAWNEE			Gas Gat PIONE	hering Conn ER	ection				
Completion Date 09/14/1997			Plug Bac 544 0 '	k Total Dept	th		Packer Set at NA						
Casing Size Weight 5 1/2 15.5#			Intermal Diameter 4.950		Set at 5745		Perforations 4822		то 5396	· ·			
Tubing Size Weight			Internal Diameter 1.995		Set at 5440'		Perforations OPEN END		То	То			
2 3/8 4.7# Type Completion (Describe)				d Production					Plunger? Yes	/ No			
COMMINGLED-GAS/OIL			CRUDE/SW				PUMP		· ····································				
Producing Th		nulus / Tubing)		%-0	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G _g		
Vertical Depti 5109	h(H)		_		Pres: FLAI	sure Taps VGF				•	Run) (Prover) Siz ER RUN - 3"	ze	
Pressure Buil	Idup:	Shut in09/2	02	0 15 at 1:			09	9/21	20	15 _{at} 1:45 P		 1)	
Well on Line:		Started	2	0 at		(AM) (PM) T	aken		20	at	(AM) (PM	Ŋ	
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Ho	ours	
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter	Pressure Differential	Flowing Temperature	Well Head Temperature	nerature Wellhead Press		Wellhe	ubing ad Pressure	Duration	Liquid Produced		
		Prover Pressure psig (Pm)	over Pressure In		t	Psig psia		(P _w) or (P _t) or (P _d) psig psia		(Hours)	(Barrels)		
Shut-In						8		0		24			
Flow													
					FLOW STR	EAM ATTRIE	UTES					_	
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Faci F _g	lor	Flowing Temperature Factor F ₁₁	Deviation Factor F _{ps}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Growit	Ĭ	
							_						
				(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)	²= 0.207		
(P _c) ² =	:	(P _w)².≔_	<u> </u>	P _d =		% (P _e	- 14.4) +	14.4 =	<u>_</u> :	(P _d)			
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P) _c)² - (P _w)²	1. P _c ² - P _d ² 2. P _c ² - P _d ²	LOG od formula 1. or 2. and divide p 2 _ p		Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog	Antilog Open Flow Deliveræbility Equals R x Anti (Mcfd)		
	+	a:	vided by: Pc2 - Pw	by:	<u> </u>	Starioa	а споре	-			<u> </u>	\dashv	
			<u></u>		_				_				
Open Flow Mcfd @ 14.6			65 psia	5 psia		Deliverability			Mcfd @ 14.65 psi	14.65 psia			
The unde	ersigned	d authority, on	behalf of the	Company_s	tates that h	e is duly auth				rt and that he ha	s knowledge of		
the facts state	d therei	n, and that said	d report is true	and cornect	t. Executed	this the 30t	<u>h</u>	day of N	ovember		, 20 _15	_·	
		Witness (if a	anv)	KARS	Rece	eived TION COMMISSI	ON-	Merit	Energy C	Company			
		For Commis	· · · · · · · · · · · · · · · · · · ·		DEC-0	2 2015		Kath	<u>nerine Mo</u>			-	

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 Owens 'A' #7
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: _11/30/2015
Signature: Katherine McClurkan Lalhame McClurkan 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/bukdup 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.