KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			(See Instructi	ions on Reve	erse Side)					
Open Flow Deliverabilty			Test Date 09/07/20					No. 15 175-21579-0	000			
Company MERIT ENERGY	COMPANY		· · · · · ·		Lease UNDERV	VOOD		-	A-4	Well Nu	mber	
County Location SEWARD 1980' FNL & 1345' FEL		Section 23		TWP 34S			N)		Acres Attributed			
Field ADAMSON			Reservoir LOWER	MORROV	v		Gas Gath	nering Conne	ection			
Completion Date 01/04/1997			Plug Back 6490'	c Total Depti	h	Packer Set at NA						
Casing Size 5.5	g Size Weight 15.5#		Internal Diameter 4.95		Set at 6549'		Perforations 6098'		т _о 6126'			
Tubing Size 2.375	bing Size Weight		Internal Diameter 1.995		Set at 6219'		Perfor NA	ations	To NA		····	
Type Completion (I	Describe)		Type Fluid	d Production	 I			it or Traveling	Plunger? Yes YES	/ No	 ,	
Producing Thru (A	nnulus / Tubing)		% C	arbon Dioxid	de		% Nitrog	en	Gas Gr	avity - C	àg	
Vertical Depth(H) 6241'				Press FLAN	sure Taps				(Meter F	Run) (Pi	over) Size	
Pressure Buildup:	Shut in _09/0	6/2014 20	at_8:	:30 AM	(AM) (PM)	raken_09	/07/201	4 20	at_8:30 A	М (AM) (PM)	
Well on Line:	Started	20	at		(AM) (PM)	Taken		20	at	(AM) (PM)	
				OBSERVE	D SURFACE	DATA			Duration of Shut-	_{in} _24	Hours	
Static / Orifice Dynamic Size Property (Inches)	Circle ane: Pressure Meter Differential . Prover Pressure In psig (Pm) Inches H ₂ 0		Flowing Weil Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration ((Hours)		Liquid Produced (Barrels)	
Shut-In 0.75					60.0			, , ,	24			
Flow				TI OUI OTO								
Plate	Circle one:	Press	Τ,		Flowing						Flowing	
Coeffiecient	Meter or Extension Prover Pressure psia Pmxh		Gravity Factor F _g		Temperature Factor F _{tt}				GOR (Cubic Fe Barrel)		Fluid Gravity G _m	
								•				
(P _c) ² =:	(P _w) ² =		•		ERABILITY)				(P _a) (P _d)	² = 0.2	07	
	(P _c) ² - (P _w) ² (P _c) ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		P _d =% LOG of formula 1. or 2. and divide by: P _d =%		Backpressure Curve Slope = "n"		n x LOG		Opo Deliv Antilog Equals		pen Flow iverability R x Anlilog (Mcfd)	
Open Flow	Mcfd @ 14.6				Deliverability				Mcfd @ 14.65 ps	 fd @ 14.65 psia		
	ed authority, on			states that h			o make th		rt and that he ha		ledge of	
the facts stated the	ein, and that sai	d report is true	and correc	t. Executed	this the 22	ND	day of _D	ECEMBER			20 14 .	
panta	Witness (if	anv)		R	eceived -		MER	Cox C	GY COMPA			
	For Commis			NET CORPO	PRATION COMM		A BUR	TON Chie	Jame Bi	utor		

exempt status under Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY	st .
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and that the foregoing pressure information and statements contained on this application form are true and	Ł
correct to the best of my knowledge and belief based upon available production summaries and lease records	3
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named	١.
I hereby request a one-year exemption from open flow testing for the _UNDERWOOD A-4	_
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. vis 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 Commiss staff as necessary to corroborate this claim for exemption from testing.	sion
Signature: JANNA BURTON Jama Burton Title: REGULATORY ANALYST	

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.