KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:		ONL	1 01111 3			ctions on Re			EKABILII	T IESI		
	en Flow				Test Date	ə:			AP	I No. 15			
	liverabilt	У			07/03/2	013	,	15-175-21633 - 0 000					
Company MERIT ENERGY COMPANY							Lease MALIN				\	Well Number A-4	
County SEWAR	SEWÁRD 800' FNL & 1700' FEL				Section 34		TWP 33			E/W)		Acres Attributed 640	
Field ARCHER				Reservoir LOWER	r R MORRO	W	Gas Gathering C		thering Conn	ection			
Completion Date 07/27/1997				Plug Bac 6100'	k Total Dep	oth .	Packer Set at NA'		Set at				
Casing S 5.5	asing Size Weight .5 15.5#				Internal Diameter 4.95			Set at 6457'		orations 57'	то 5974'		
Tubing Size Weight 2.375 4.7			Internal I 1.995	Diameter		Set at P 6130' N		orations	To NA				
Type Completion (Describe) SINGLE GAS				Type Flui WATE	d Productio	on	Pump Unit or NO		Init or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) TUBING					% C	Carbon Diox	ide			gen	Gas Gravity - G _g		
Vertical Depth(H) 5965'						ssure Taps	•		,	(Meter F	Run) (Prover) Size		
Pressure Buildup: Shut in 07/02/2013 20				01			Taken 0	7/03/20	13 20	at 11:00 /	AM (AM) (PM)		
Well on L											at		
		,				OBSERVI	ED SURFAC	CE DATA			Duration of Shut-i	inHour	
Static / Dynamic Property	Orifice Size (inches	e Meter Differenter Diff		1	Flowing Temperature t	Well Head Temperature t	Wellhead	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	.75	_	paig (FIII)	Inches H ₂ 0	·		psig	psia 75	psig	psia 5	24		
Flow													
						FLOW STI	REAM ATT	RIBUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac F	tor	Flowing Temperature Factor F ₁₁	emperature Factor F		Metered Flor R (Mcfd)	w GOR (Cubic Fer Barrel)	- Crowity	
	1												
(P _c) ² =		:	(P _w) ² =		(OPEN FL		/ERABILITY % (•		•	$(P_a)^2$ $(P_d)^2$	² = 0.207	
(P _c) ² - (F	•	(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: P 2 P 2		% (P _c - 14.4) + 1 Backpressure Curve Slope = "n" Assigned Standard Slope			LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				-									
					·								
Open Flow Mcfd @ 14.65 psia							Deliverability Mcfd @ 14.65 psia						
				n behalf of the							ort and that he ha	s knowledge of	
						. Executed				mo	P	, 2U <u></u> ,	
		u	Witness (if	any)			•			For	ompany	KCC WIC	
			For Commi	ission						Che	cked by	NOV 14	

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	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY
and that the fo	regoing pressure information and statements contained on this application form are true and est of my knowledge and belief based upon available production summaries and lease records
of equipment ir	nstallation and/or upon type of completion or upon use being made of the gas well herein named. quest a one-year exemption from open flow testing for theMALIN A-4
	grounds that said well:
(Che	eck 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
	ree to supply to the best of my ability any and all supporting documents deemed by Commission cary to corroborate this claim for exemption from testing.
Date: 11/07/20	<u>113</u>
	Signature: M. Chey Patrice
	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.