Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	st:		_	- "	(See Instruct	tions on Rev	verse Side	e)					
Op	pen Flo	w			Test Date	a·			APLI	No. 15				
✓ Deliverabilty					01/28/2			15-175-20361						
Company MERIT ENERGY COMPANY							Lease FINCHAM					Well Number A-3		
County Location SEWARD 660' FNL &1980' FEL			Section 29		TWP 33S	,				Acres Attributed 640				
Field SHUCK				Reservoir LOWER	r R MORROV	V		Gas Gathering Connec		ection				
Completion Date 08/29/2003				Plug Bac 6250'	k Total Dept	th		Packer Set at NA'						
Casing Size Weight 5.5 15.5#					Internal Diamet 4.052			Set at 6358'		Perforations 6076'		то 6086'		
Tubing Size 2.375			Weight	ht	Internal [Diameter	ameter Set at 6058		Perforations NA		To NA		,	
					id Production			Pump Unit or Traveling F		Plunger? Yes / No				
Producing	g Thru		nulus / Tubin	g)		Carbon Dioxi	de		% Nitroge	en	Gas G	ravity - C	à _g	
Vertical C						Pres	sure Taps				(Meter	Run) (P	rover) Size	
6400'		·				FLAI	NGE				3			
ressure ²	Buildu	ıp:	Shut in	272	0_11_at_9	:00 AM	(AM) (PM)	Taken_1/	28	20	11 at 9:00 A	<u>·M</u> ((AM) (PM)	
Well on L	_ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACI	E DATA			Duration of Shut	-in	Hours	
Static / Orifice ynamic Size roperty (inches)		e:e	Circle one: Meter Prover Press psig (Pm)		Flowing Well Head Temperature t		(P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	, ,		
Shut-In	.50		poig (i iii)	mones 1120			psig	psia 140	psig	psia 60	24			
Flow														
	,					FLOW STR	EAM ATTR	IBUTES	·····					
Plate Coefficcient (F _p) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gravity Factor F _g		Flowing Temperature Factor F ₍₁	mperature Factor F		Metered Flow R (Mcfd)	(Cubic Fe	GOR (Cubic Feet/ Barrel)		
					(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(P) ² = 0.2	07	
P _c) ² =		:	(P _w) ² =	=:	` P _d =		% (F	P _c - 14.4) +	14.4 =	<u> </u> :)2 =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_g^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_g^2$	LOG of formula 1, or 2, and divide	P _c ² - P _w ²	Slor As:	Backpressure Curve Slope = "n"or Assigned Standard Slope		og [Antilog	Deli Equals	oen Flow iverability R x Antilog (Mcfd)	
				- c w										
Open Flo				Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ia		
,		igned	d authority, o			states that h			o make the		rt and that he h		ledge of	
		_	-	aid report is true						ECEMBER			20 11 .	
								γ_{γ}	n Cl	une	Patri	RE	CEIVE	
			Witness	(if any)			-			ForC	ompany	DE	C 1 4 20	
			For Com	nission			_			Chec	ked by		WICHI	
												. 	VVICTI	

exempt status u and that the for correct to the be	Inder penalty of perjury under the laws of the state of Kansas that I am authorized to request ander 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 est 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.
	uest a one-year exemption from open flow testing for the FINCHAM A-3
	grounds that said well:
	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
_	ary to corroborate this claim for exemption from testing.
Date: <u>12/07/20</u>	
	Signature: M. Churc Patrick 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.