Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	i:				(·	See Instruc	tions on Re	verse Side)				
= .	en Flov				Test Date):			ΔDI	No. 15			
✓ De	liverabi	lty			05/15/2012				15-	175-21630 -	0000		
Company MERIT E		GY (COMPANY			1,	Lease UNDEF	Lease UNDERWOOD				Well Number A-5	
County Location SEWARD 1320' FNL & 1320' FWL					Section 23	-	TWP 34			(W)	Acres Attributed 640		
ADAMS	ON				Reservoir LOWER		W/CHEST	V/CHESTER D		hering Conne	ction	RECEIV	
Completion Date 07/17/1997					Plug Baci 6229'	k Total Dep	th	Packer NA		Set at		JAN 2 4	
Casing Si	Casing Size Weight 5.5 15.5#			Internal Diameter 4.95		Set at 6274'		Perforations 6110'		то 6140'	KCC WIC		
Tubing Size Weight 2.375 4.7#			Internal Diameter 1.995		Set at 6219'		Perforations NA		To NA				
Type Completion (Describe) COMMINGLED						d Productio		Pump Unit or Traveling NO				/ No	
Producing	-	(Anr	nulus / Tubing)	% C	arbon Diox	ide		% Nitrog	en	Gas Gra	avity - G _g	
Vertical Depth(H) 6125'					Pressure Taps FLANGE						(Meter F	Run) (Prover) Size	
Pressure	Buildup	o: {	Shut in 05/1	5/2012 2	0at_9			Taken 05	5/16/201	12 20	9:00 A	M(AM) (PM)	
Well on L	ine:	,	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	inHours	
Static / Dynamic Property	nic Size		Circle one: Pressure Meter Differential Prover Pressure in psig (Pm) Inches H ₂ 0		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	Shut-In 0.63						, p.s.,	120	pag	100	24		
Flow													
Γ.			1			FLOW ST	REAM ATTE	RIBUTES		 -		1	
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Grav Fact	tor	Flowing Temperature Factor F _{rt}	Fa	iation ctor pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
					(OPEN FLO	OW) (DELIV	ERABILITY	() CALCUL	ATIONS		(7.1)	·	
(P _c) ² =		_:	(P _w) ² =_	:	P _d =			P _a - 14.4) +		:	(P _a);	² = 0.207 ² =	
$(P_e)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		incose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ included by: $P_c^2 - P_a^2$	Pormula 1 or 2: Po a LOG of formula Po a formula 1. or 2. and divide		Backpressure Curve Slope = "n"		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	w			Mcfd @ 14.	65 psia		Deliveral	bility		N	Acfd @ 14.65 psi	a	
				behalf of the						ECEMBER	t and that he ha	s knowledge of, 20 <u>12</u>	
		-	Witness (if	any)						Ford	Impeny	12.000	
			For Commis	sion						Check	ed by		

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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 UNDERWOOD A-5
gas well on the 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 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.
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 **1S** 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.