KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	οw			, (See Instruc	tions on Re	everse Side	;) ·		1201		
. Delivera				Test Date 08/17/2					No. 15 129-21726 <i>-</i> (9000		
Company MERIT ENE	RGY (COMPANY				Lease MURP	HY C				Well Number	
County Location MORTON 1320 FSL & 330 FWL				Section 11		TWP 32	TWP		RNG (E/W) 41		Acres Attributed 640	
Field RICHFIELD				Reservoi	r R MORRON		Gas Gathering Conr APC		hering Connec			
Completion Date 04/28/2004				Plug Bac 5517	k Total Dep	th	Pa N		Set at			
Casing Size Weight 5.5 15.5#			Internal [Diameter		Set at 5597		rations	то 5228			
Tubing Size 2.375			Internal Diameter 2.441			Set at 5085		rations	To NA			
Type Completion (Describe) SINGLE GAS				Type Flui WATE	d Productio	n			NA Pump Unit or Traveling Plu YES			
Producing Thr TUBING	u (Anr	nulus / Tubing	j)	% C	Carbon Diox	ide		% Nitrog	en	Gas Gra	avity - G _g	
Vertical Depth(H) 5517				Pressure Taps FLANGE				(Meter			Run) (Prover) Size	
Pressure Build	up:	Shut in 08/	16/2013 20	at_9	· · · · · · · · · · · · · · · · · · ·		Taken_0	3/17/201	3 20 _	9:00 A	M(AM) (PM)	
Well on Line:	;	Started	20	at		(AM) (PM)) Taken	NR. 1.	20 _	at	(AM) (PM)	
					OBSERVE	D SURFAC	E DATA			Ouration of Shut-	in Hours	
Dynamic S	namic Size Prover Pres		Pressure Differential in Inches H ₂ 0	tial Flowing Well Head Temperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In 1.7	5					Poly	40	poig	5	24		
Flow				·								
Plate	T	Circle one:	_		FLOW STF	Flowing	RIBUTES		-	Т		
Coeffictient (F _b) (F _p) Mcfd		Meter or ver Pressure psia	Press Extension √ P _m xh	Factor F _g		emperature Factor		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Fed Barrel)	et/ Flowing Fluid Gravity G _m	
				. %						•		
(P _c) ² =	:	(P _w) ² =		OPEN FL	OW) (DELIV		Y) CALCUL P _c - 14.4) +			(P _a) ² (P _d) ²	² = 0.207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	la 1 or 2: P 2 LOG of formula P 2 1. or 2. and divide P 2 . P 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		e a x l OG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			 							•		
Open Flow	<u> </u>		Mcfd @ 14.6	5 psia		Deliveral	bility			cfd @ 14.65 psi	a	
The under	signed	authority, or	behalf of the C	company, s	states that h	ne is duly a	uthorized t	o make th				
			id report is true						ovember		, 20 13	
		Wilness (il	any)				1		M (KCC	
		For Comm	ssion						Checke			
				*					Oncore	-,	NOV	
											RE	

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 MURPHY C-3
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: <u>11/06/2013</u>
Signature: M Chup Parin 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.