Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

RECEIVED

Type Tes				I	(See Instruct	lions on Rev	erse Side))			DEC	3 1 201	
☐ Open Flow Deliverabilty			Test Date 08/22/2			API No. 15 15-129-21726 → (•				
Company MERIT 6		COMPANY	**************************************		Annon I anno apoli i a binani i bina	Lease MURPH	Y C	ښيږ و خمد سه		elittiinesia tekitti seesta saka anki sak	Well N	VVIGET	
County Location MORTON 1320 FSL & 330 FWL			Section 11		TWP 32		RNG (E/W) 41			Acres Attributed 640			
Field RICHFIE	ELD			Reservoi LOWEF	r R MORROV	٧		Gas Gal	hering Conne	ction		<u> </u>	
Completion Date 04/28/2004			Plug Back Total Depth 5517				Packer S NA	Set at					
Casing Size Weight 5.5 15.5#			Internal Diameter 4.95		Set at 5597			Perforations 5088		To 5228			
Tubing S	Tubing Size Weight 2.375 6.5		Internal Diameter 2.441			Set at Pe 5085 N		rtorations A		To NA			
Type Completion (Describe) SINGLE GAS				id Production					eling Plunger? Yes / No				
Producing	•	nnulus / Tubing)	% (Carbon Dioxi	de		% Nitrog	jen	Gas	Gravity -	G,	
Vertical C					Pres: FLAI	sure Taps				(Mete	r Run) (f	Prover) Size	
	Buildup:	Shut in 08/2	2/2012 2	0at_9			Taken_08	3/23/20	12 20		AM	(AM) (PM)	
Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken		20	al		(AM) (PM)	
					OBSERVE	D SURFACE	DATA			Duration of Sh	ut-in	Hours	
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature I	Well Head Temperature I	Casing Wellhead Pressure $(P_{\mu}) \text{ or } (P_{t}) \text{ or } (P_{v})$ psig psia		Tubing Wellhead Pressure (P _w) or {P _c } or (P _c) psig psia		Duration (Hours)	1 .	Liquid Produced (Barrels)	
Shut-In	1.75						48		8	24			
Flow													
	- 1	· · · · · · · · · · · · · · · · · · ·		1	FLOW STR	EAM ATTRI	BUTES						
Plate Coefficcient (F _b) (F _p) Mold		Circle one Meter or rover Pressure psia	or Extension		vity T	Flowing emperature Factor F _{II}	Deviation Factor F _p ,		Metered Flow R (Mctd)	GOR (Cubic Feel/ Barrel)		Flowing Fluid Gravity G _m	
			,	(OPEN ELI	OW) (DELIVI	FRABILITY)	CALCU	ATIONS					
(P _e) ² =		(P)2 =		P _d =			- 14.4) +				$\binom{7}{4}^2 = 0.3$	207	
	2,)7 ((P _c)? - (P _w)²	thouse formula 1 of 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_a^2$	LOG of formula 1, or 2, and divide		Backpres Slope Ass	sure Curve e = "n" origned .rd Slope	n v	.og	Antilog	O	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.65 psia					Deliverabil	Deliverability Mcfd @ 14.65 psia							
		ed authority, on ein, and that said										=	
		Wilness (if a	iny)		· · · · · ·				M	pany	•		
:		For Commiss	sion			_			Check	ed by		*****	

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 Commissio staff as necessary to corroborate this claim for exemption from testing.
Date: _12/28/2012
Signature: Man
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.