KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		One	. 0	(See Instruc	tions on Rev	erse Side	e)			
Open Flow Deliverabilty					Test Date: 06/02/2014			API No. 15 15-081-21813-0000				
Company MERIT ENERGY COMPANY					Lease ELTRUDE HALL							Well Number
County HASKEL			Location NW NW		Section 9		TWP 30S		RNG (E/W) 32W		Acres Attributed 640	
Field LOCKPO	ORT				Reservoir CHESTER/MORROW				Gas Gathering Connection LINN ENERGY		ection	
Completion 10/28/20					Plug Back Total Depth 5449				Packer S 5263	et at		
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at 5550		Perforations 5278		то 5340	
Tubing S 2.375	ize		Weigh 4.7	t	Internal Diameter 1.995		Set at 5263		Perforations		То	
Type Cor COMM				_	Type Fluid Production WATER				Pump Un	it or Traveling	Plunger? Yes	/ No
Producing	_	(Annulus / Tubing)			% Carbon Dioxide				% Nitrogen		Gas Gravity - G _g	
Vertical E	Depth(l	H)		Pressure Taps FLANGE						(Meter F 3.068	Run) (Prover) Size	
Pressure	Buildu	ıp:	Shut in _06/	01/2014	0at_1	:00 PM	(AM) (PM)	Taken_06	6/02/201	4 20	at_1:00 P	M (AM) (PM)
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-i	in 24 Hours
Static / Orifice Dynamic Size Property (inches)		ze	Circle one: Meter Prover Pressi	Pressure Differential in Inches H ₂ 0	Temperature Temperat				Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In							150.0	pola	150.0	paid	24	
Flow						EL OW OTT	E A A A T T D U					
Plate			Circle one:	Press			Flowing	Γ		<u> </u>		Flowing
Coeffiecient (F _b) (F _p) Mcfd		Pro	Meter or over Pressure psia	Extension P _m x h	Grav Fact	tor	Tomporatura		iation actor - pv	Metered Flov R (Mcfd)	w GOR (Cubic Fee Barrel)	Eluid
(P _c) ² =			(P)² =	;	(OPEN FLO		'ERABILITY) % (P.		.ATIONS 14.4 =		(P _a)² (P _d)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: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide		Backpress Slope		n x l	og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow Mcfd @ 14.65			65 psia	5 psia Deliverability			Mcfd @ 14.65 psia					
The	unders				Company, s		e is duly aut	horized to			ort and that he ha	
			Witness (i	f any)	KΔN		ceived ATION COMMISS	SION	MEI		GY COMPAN'	Y
			For Comm	···			2 9 2014		IA BUR	TON J	ma Bu	nton

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 ELTRUDE HALL 3-D9-30-32
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. BEGLINDER 22, 2017
Signature: JANNA BURTON Jama Burton 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.