KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		•		(See Instruci	tions on Reve	erse Side)				
□ Op	en Flov	N											
De	liverabi	ilty			Test Date 08/16/20					No. 15 175-21358-(0000		
Company MERIT E		GY I	COMPANY				Lease LANGAC	HER			1-12	Well Number	
County SEWAR	County Location SEWARD NE NW SE			Section 12					RNG (E/W) 32W		Acres Attributed 640		
Field EAST HUGOTON				Reservoii CHASE	Reservoir CHASE			Gas Gathering Connection MERIT ENERGY COMPANY					
Completion Date 02/17/1994				Plug Bac 2668	Plug Back Total Depth 2668			Packer 5	et at				
Casing Si	ize		Weight	<u>.</u>	Internal E	Diameter				Perforations 2552		то 2593	
Tubing Si	ize		Weight		Internal Diar 1.995		neter Set at 2577		Perforations		То	То	
Type Completion (Describe) SINGLE-GAS					Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / No NO			/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% C	% Carbon Dioxide			% Nitrog		Gas G 0.704	Gas Gravity - G _g		
				0.0310		T		14.04	0 /6				
Vertical Depth(H) 2573				1 .	Pressure Taps FLANGE					3.068	Run) (Prover) Siz 3		
Pressure	Buildu	p:	Shut in 08/1	6 2	15 at 1	0:30 AM	(AM) (PM) T	aken_08	/17	20	15 at 10:30	AM_ (AM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM) T	aken	<u>-</u>	20	at	(AM) (PM)	
		,				OBSERVE	D SURFACE	DATA			Duration of Shut	1-in 24 Ho	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressur		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P_w) or (P_r) or (P_c)		ubing ad Pressure (P,) or (P _e)	Duration (Hours)	Liquid Produces (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			110.0	psia	psig	psia	24		
Flow	· -												
						FLOW STR	REAM ATTRIE	BUTES					
Plate Coeffiecient (F _b) (F _p) Mold		Gircle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Extension Fact		Flowing Temperature Factor F _{tt}	Deviation Factor F _{pv}		Metered Flor R (Mcfd)	w GOR (Cubic F Barrel	eet/ Fluid	
(P _c) ² =			(P _w) ² =_	:	(OPEN FLO		ERABILITY)	C ALCU L - 14.4) +		:	٠ ، ه) ² = 0.207) ² =	
(P _o) ² - (P _a) ²		Cho		noose formula 1 or 2	se formula 1 or 2: , P _c = P _a LOG of formula		Backpress		пх	Log	Antilog	Open Flow Deliverability	
(P _o) ² - (I	P _d) ²			2. $P_c^2 - P_d^2$ livided by: $P_c^2 - P_w$	1, or 2, and divide 2 by:	bs.bs		gned	[-,			Equals R x Antil	
				•									
Open Flo	<u>\</u>			Mcfd @ 14	65 peia	•	 Deliverabili	tu			Mofd @ 14.65 ps	sia .	
		ana	d authority on			tates that h			n make th	ie ahové ren		as knowledge of	
		-	n, and that sa							ovember	or and that he h	, 20 15	
	··					Recei			N	<u> </u>	y Company		
			Witness (ii	any)	KANSA		ION COMMISSIO	N			Company McClurkan		
			For Commi	ssion		DEC 02	2 2015			Che	cked by		

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exempt status under Rule K.A and that the foregoing pressu correct to the best of my know of equipment installation and/o	of perjury under the laws of the state of Kansas that I am authorized to request a.R. 82-3-304 on behalf of the operator Merit Energy Company are information and statements contained on this application form are true and wledge and belief based upon available production summaries and lease records for upon type of completion or upon use being made of the gas well herein named. For exemption from open flow testing for the Langacher 1-12 said well:
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is cycled o is a source is on vacuu is not capa I further agree to supply t	ed methane producer on plunger lift due to water e of natural gas for injection into an oil reservoir undergoing ER um at the present time; KCC approval Docket No able of producing at a daily rate in excess of 250 mcf/D to the best of my ability any and all supporting documents deemed by Commission trate this claim for exemption from testing.
bale,	

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.