KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	::				(See Instruc	tions on Re	everse Side	e)				
Open Flow					T4 D-4-	Total Bodon							
Deliverabilty						Test Date: 08/12/2014				lo. 15 :19370000			
Company MERIT ENERGY COMPANY						Lease HENTSCHEL B					2 v	Vell Number	
County Location MORTON 1565' FNL & 330' FEL				Section 8		TWP 33S		RNG (E/W) 42W		Acres Attributed 640			
Field MUSTANG, EAST						Reservoir MARMATON			Gas Gathering Connection REGENCY				
Completion Date 05/02/2012					Plug Back 3850'	Plug Back Total Depth 3850'			Packer Se	at at			
Casing Si 5.5"	ize		Weight 17.0#		Internal Diameter 4.892"		Set at 3893'		Perforations 3649'		то 3699'		
Tubing Si 2.375"	ize		Weigi 4.7 #	nt	Internal E 1.995"	Internal Diameter 1.995"		Set at 3656'		utions	То		
Type Con SINGLE			escribe)		Type Flui	d Production	n	-	Pump Uni NO	or Traveling	Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) TUBING					% C 0.1000	arbon Dioxi %			% Nitroge 25.934		Gas Gravity - G _g 0.773		
Vertical Depth(H) 3674'						Pressure Taps FLANGE					,	(Meter Run) (Prover) Size 3.068"	
			Shut in AUG 11						UG 12 20		14 at 9:00 At	VI(AM) (PM)	
Well on Line:			Started 20		.0 at	at		. (AM) (PM) Taken		20	at	(AM) (PM)	
	ı 		T			OBSERVE	D SURFAC				Duration of Shut-i	n 24 Hours	
Static / Orifice Dynamic Size Property (inches)		e	Circle one: Meter Prover Press psig (Pm)	Pressure Differential ure in Inches H ₂ 0	Flowing Well Head Temperature Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							269.0	283.4	poig	рыа	24		
Flow			·										
	1					FLOW STF	REAM ATT	RIBUTES					
Plate Coefficient (F _b) (F _p) Mcfd		Pr	Circle one: Meter or rover Pressure psia	Press Extension	Grav Fac F,	tor	Flowing Temperature Factor F _{It}		eviation		y GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
			45.10		•	OW) (DELIV		•			_	= 0.207	
(P _c) ² =	-	<u>_:</u>	(P _w)*:	Choose formula 1 or 2			1		+ 14.4 =	<u> </u>	(P _d) ²	·= 	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c)²- (P _w)²	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_d 	LOG of formula 1. or 2. and divide	P.2-P.2	Backpressure Curv Slope = "n" or		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
					-								
Open Flo	w			Mcfd @ 14	.65 psia <u> </u>		Delivera	bility			Mcfd @ 14.65 psi	a	
		_	•	on behalf of the said report is tru			•			above repo	ort and that he ha	s knowledge of, 20	
						_KCC	WICH	IJ T ∧	MEF	-—	GY COMPAN	Υ	
			Witness For Com				2 6 201		NA BUR		Company	Burton	
			, or c om				CEIVE			Offe			

exempt status under Rule K.A.R. 82-3-304 on behalf of and that the foregoing pressure information and state correct to the best of my knowledge and belief based u	ements contained on this application form are true and 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 HENTSCHEL B 2									
	tiow testing for the								
gas well on the grounds that said well:									
is on vacuum at the present time; K is not capable of producing at a da	ion into an oil reservoir undergoing ER CC approval Docket No uily rate in excess of 250 mcf/D any and all supporting documents deemed by Commission								
	JANNA BURTON Jama Burton 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.

-4.115-