KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instructi	ions on Reve	erse Side)				
Open Flow			Test Date	Test Date:				No. 15					
Deliverabilty					08/15/2014				189-22345-0	0000			
Company MERIT ENERGY COMPANY					Lease HJV CHRISTOP			HER A			Well Number 1		
County Location STEVENS 2310' FSL & 1300' FEL			Section 3			TWP 33S		W)		Acres Attributed 640			
• •					Reservoir LOWER MORROW G			Gas Gathering Connection APC					
Completion Date 08/01/2000				Plug Back 6280'	Plug Back Total Depth 6280'			Packer S NA	et at				
Casing Size Weight 5.5 15.5#			Internal Diameter 4.95		Set at 6365'		Perfo	rations 2'	то 5974'				
Tubing Si 2.875	Tubing Size Weight			•	Internal Diameter 1.995		Set at 5822'		Perforations NA		To NA		
					Type Fluid Production WATER			Pump Unit or Traveling Plunger? YO YES			/ No		
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G _g TUBING									avity - G _g				
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size 5933' FLANGE 4										Run) (Prover) Size			
08/14/2014 9·00 ΔM 08/15/2014 9·00 ΔM								M(AM) (PM)					
Well on L	ine:	s	tarted	2	0 at		(AM) (PM) 1	Taken		20	at	(AM) (PM)	
OBSERVED SURFACE DATADuration of Shut-inHours													
Static / Orifice Dynamic Size Property (inches)			Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature 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	1.0		• • • • • • • • • • • • • • • • • • • •				95		, , , ,	,,,,,	24		
Flow													
	FLOW STREAM ATTRIBUTES												
Plate Coeffiecient (F _b) (F _p) Mofd		- 1	Circle one: Meter ot rer Pressure psia	Press Extension ✓ P _m x h	Extension Fact		or Temperature		riation actor i	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	1 Gravitu I	
			_				ERABILITY)					² = 0.207	
(P _c) ² =	·	<u>-:</u>	(P _w) ² =	: Chaose formula 1 or 2	P _d ==	 `	-T		- 14.4 =	 :	(P _d)	*=	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P,	$(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$		LOG of formula 1, or 2. and divide P 2-P 2		Backpressure Curve Slope = "n" or Assigned		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog	
				divided by: $P_c^2 - P_w$	by:	c w	Standa	rd Slope				(Mcfd)	
Open Flow Mcfd @ 14.65 psia					.65 psia		Deliverability			Mcfd @ 14.65 psia			
											ort and that he ha		
the facts s	stated th	ereir	n, and that sa	id report is tru	e and correc			<u>H</u>		ECEMBER		, 20 14	
			Witness (i	(any)	ка		ceived RATION COMMIS	SION-	MEF		RGY COMP Company	ANY	
						DEC	1 1 2014	IANN <u>/</u>	A BUR	TON	Danna 12	urten	
			For Comm	ission		220				Che	cked by		

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 of equipment installation and/or upon type of completion	ements contained on this application form are true and upon available production summaries and lease records on or upon use being made of the gas well herein named.							
I hereby request a one-year exemption from open flow testing for the HJV CHRISTOPHER A 1 gas well on the grounds that said well:								
is on vacuum at the present time; K is not capable of producing at a da	on into an oil reservoir undergoing ER CC approval Docket No ily rate in excess of 250 mcf/D ny and all supporting documents deemed by Commission							
·	JANNA BURTON Jama Buston 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.

