KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:				(See Instruc	tions on Rev	erse Side)					
Open Flow					Total Bass									
Deliverabilty					Test Date: 09/08/2014				No. 15 175-21630-0	000				
Company MERIT ENERGY COMPANY					00/00/20	Lease UNDERWOOD						Well Number A-5		
County Location SEWARD 1320' FNL & 1320' FWL				Section 23				RNG (E/	N)		Acres Attributed 640			
					Reservoir LOWER MORROW/CHESTER D			Gas Gath	nering Conne	ction		· · · · · · · · · · · · · · · · · · ·		
Completion Date 07/17/1997				Plug Bac 6229'	Plug Back Total Depth 6229'			Packer S NA	et at					
Casing Size Weight 5.5 15.5#			internal D 4.95	Diameter	Set at 6274 '		Perforations 6110'		то 6140'					
Tubing Size 2.375			Weight 4.7#		Internal E 1.995	Diameter	Set at 6219'		Perforations NA		то NA			
					Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / No NO						
Producing Thru (Annulus / Tubing) TUBING				% C	% Carbon Dioxide				en	Gas Gra	Gas Gravity - G			
Vertical Depth(H) Pressure Taps (Meter Run) (Prov									over) Size					
6125'			09/0	7/2014	8	FLANGE				0/09/2014		3 8:30 AM		
Pressure Buildup: Shut in 09/07/2014 20					at (AM) (PM) Taken at (AM) (PM) Taken _			9/08/2014 20						
Well on Li	ine:	,	Started	z	u aī		(AM) (PM)	iaken		20	ai	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	_{in_} 24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ubing ad Pressure (P ₁) or (P _c)			d Produced Barrels)	
Shut-In	0.63		7-01-7				118.0	psia	psig	psia	24			
Flow								·						
						FLOW STE	REAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circla one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{rs}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
	l			•										
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		(P)	²= 0,2	07	
(P _c) ² =		_:_	(P _w) ² =	<u> </u>	P _d ≂		% (P,	- 14.4) +	14.4 =	:	(P _d)			
$(P_c)^2 - (P_b)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Thoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ Trivided by: $P_c^2 - P_d^2$	1. P _c ² - P _e ² LOG of formula 2. P _c ² - P _d ² 1. or 2. and divide		Backpressu Slope : or Pc²-Pw² Assig Standard		n x 1	.og	Antilog	Or Det Equals		
-														
Open Flow Mcfd @ 14.69			65 psia	5 psia Deliverability			Mcfd @ 14.65 psìa							
The u	undersi	gned	d authority, or	behalf of the	Company, s	states that h	ne is duly aut			•	t and that he ha	s know	ledge of	
the facts s	tated th	ierei	n, and that sa	id report is tru	e and correc			ND	day of _D	ECEMBER	 		20 14 .	
			1400 22	and	KANSA	Recei S CORPORATI	ved ION COMMISSIO	N	MERI		SY COMPA	NY		
			Witness (if			DEC 2			BUR	ΓΟN	omoany Anna 1	3wé	ton	

I declare under penalty of perjury under the laws exempt status under Rule K.A.R. 82-3-304 on behalf of	s of the state of Kansas that I am authorized to request
and that the foregoing pressure information and state correct to the best of my knowledge and belief based to	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.
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 ally 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.