## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	t:				ĺ	See Instruct	tions on Reve	erse Side	e)				
Open Flow				Tool Date				A D4	No. 15				
Deliverabilty				Test Date: 9/27/2015					No. 15 189-22362-0	0000			
Company MERIT ENERGY COMPANY						Lease CAVNER A					Well Number 6		
County Location STEVENS 2310 FNL & 330 FEL				Section 33			TWP 31S		RNG (E/W) 38W		Acres Attributed 640		
Field YOUNGREN NE					Reservoir LOWER MORROW			Gas Gathering Connection APC					
Completion Date 02/20/2002				Plug Bac 6035	Plug Back Total Depth 6035			Packer S	Set at				
Casing S 5.5	Casing Size Weight 5.5 15.5#				Internal Diameter 4.95		Set at 6077		Perforations 5792		то 5906		
Tubing S	Tubing Size		Weight 6.4		Internal C 2.441		Diameter Set at 5956		Perforations NA		To NA		
Type Completion (Describe) SINGLE GAS				Type Flui	Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / No YES					
Producing Thru (Annulus / Tubing)						% Carbon Dioxide			% Nitrogen Gas Gravity - G				G
CASING	Ğ	`		•					~			•	y
Vertical Depth(H) 5849						Pressure Taps FLANGE					(Meta 3	er Run) (F	Prover) Size
			2 15 at 9	15 at 9:00 AM (AM) (PM) Take.			9/28	20	15 at 9:00	АМ	(AM) (PM)		
Well on L	ine:				0 at		(AM) (PM)	Taken		20	at	<del></del>	(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Sh	ut-in 24	Hour
Static / Orifice Dynamic Size Property (inches		Prov	Circle one: Meter Ver Pressur	1	Flowing Well Head Temperature Temperatur		e Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or IP <sub>t</sub> ) or (P <sub>o</sub> )		Duration (Hours)		uid Produced (Barrels)
Shut-In		<u>Р</u>	sig (Pm)	Inches H <sub>2</sub> 0			180	psla	psig	psia	24		
Flow													
						FLOW STA	EAM ATTRIE	BUTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension  P <sub>m</sub> x h	Extension Fact		Flowing femperature Factor F <sub>II</sub>	Deviation Factor F <sub>pv</sub>		Metered Flov R (Mcfd)	v GC (Cubic Sarı	Feet/	Flowing Fluid Gravily G <sub>m</sub>
(P <sub>c</sub> ) <sup>2</sup> =		•	(P <sub>w</sub> ) <sup>2</sup> =_	,	(OPEN FL		ERABILITY) % (P.	<b>CALCUL</b> - 14.4) +		٠		o <sub>a</sub> ) <sup>2</sup> = 0.	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_a)^2$		(P <sub>e</sub> ) <sup>2</sup> ~ (P <sub>w</sub> ) <sup>2</sup>		hoose formula 1 or 2  1. P <sub>2</sub> <sup>2</sup> - P <sub>2</sub> 2. P <sub>2</sub> <sup>2</sup> - P <sub>2</sub> d  1. or 2. and divided by: P <sub>2</sub> <sup>2</sup> - P <sub>2</sub> by:		Backpress Slope		ure Curve		<b>⊫</b> og	Anlilog	C De	Open Flow eliverability Is R x Antilog (Mc(d)
				/ ' c ' w	-   -							<u> </u>	
Open Flow Mcfd @ 14.65				65 psia	5 psia Deliverability			Mcfd @ 14.65 psia					
		_					-			ne above repo fovember	ort and that he		wledge of
ne racts s	stated th	erein, ar	io that sai	d report is true	e and correc	i. Executed	inis the				Componii	·	∠U <u> </u>
			Witness (if	any)	KANSAS	Receive CORPORATIO	N COWWISSION				Company Company		
			For Commis	ssion		DEC 02	2015		rvali		cked by		

CONSERVATION DIVISION WICHITA, KS

I declare under penalty of perjury un	der 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									
	ion and statements contained on this application form are true and								
• •	pelief 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 Cavner A #6									
gas well on the grounds that said well:									
gas well on the grounds that said well.									
(Check one)									
	is a coalbed methane producer								
is cycled on plunger li									
	gas for injection into an oil reservoir undergoing ER								
——————————————————————————————————————	esent time; KCC approval Docket No								
	ucing at a daily rate in excess of 250 mcf/D								
▼ Is not capable of produ	deling at a daily rate in excess of 250 memb								
I further agree to supply to the best of staff as necessary to corroborate this cla	of my ability any and all supporting documents deemed by Commission im for exemption from testing.								
Date: November 30, 2015									
Received  KANSAS CORPORATION COMMISSION  DEC 0 2 2015  CONSERVATION DIVISION WICHITA, KS	Signature: Katherine McClurkan Johnson McClurkan 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.