## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

MERIT ENERGY COMPANY	Type Test	t:			6	See Instructi	ions on Rev	erse Side	)				
MERIT ENERGY COMPANY	Op	en Flow			Test Date	p.			API I	No. 15			
DAVIES D   2   County   Location   1200 FNL & 1200 FN	<b>√</b> De	liverabilty					<u></u> -				∞- <i>∞</i>		
STEVENS   1200*FNL & 1200*FNL & 1200*FNL   14   33S   38W   540	Company MERIT ENERGY COMPANY						D						
GENTZLER  LOWER MORROW  APC  Ontigotion Date 01/29/1995  6125  6125  Gening Size Velight 1 Internal Diameter Set at 1 Perforations For 6044  Tubing Size Weight 1 Internal Diameter Set at 1 Perforations For 6044  Type Completion (Describe) Type Fluid Production CONDENSATE/MATER Type Completion (Describe) Type Fluid Production Type Fluid Production CONDENSATE/MATER Type Completion (Describe) Type Fluid Production Type Fluid Type Fluid Production Type Fluid Type Fluid Production Type Fluid Type Type Type Type Type Type Type Type	County STEVENS												
Original				***************************************		٧			ering Conne	ection			
15.5#	•				•		h			et at			
Tubing Size Weight Internal Diameter Set at 1.99 Di	Casing Size												· · · · · · · · · · · · · · · · · · ·
Type Complotion (Describe) SINGLE GAS  Type Fluid Production CONDENSATE/WATER YES  Type Fluid Production Throughous Throughous Gas Gravity - G <sub>g</sub> CASING  Vertical Dipth(H)  Pressure Taps FLANGE  THANGE  TH		ize	-	t		Diameter				ations			<del></del>
SINGLE GAS  Producing Thru (Annubus / Tubing)  % Carbon Dioxide  % Nitrogen  Gas Gravity - G,  Annubus / Tubing)  % Carbon Dioxide  % Nitrogen  Gas Gravity - G,  Meter Run) (Proven) Size  6025'  FLANGE  3  3  Pressure Taps  (Meter Run) (Proven) Size  3  Annubus / Tubing  Annubus /	2.375					<u> </u>		2'					<del> </del>
CASING  Vertical Deptifich)  Pressure Buildup:  Shut in 11/20 20 11 at 3:00 PM (AM) (PM) Taken 11/21 20 11 at 3:00 PM (AM) (PM)  Well on Line:  Stanted 20 at (AM) (PM) Taken 20 at (AM) (PM) Taken 20 at (AM) (PM)  OBSERVED SURFACE DATA  OUTation of Shut-in			Describe)						YES		-		
FLANGE   Stand   Shut in   11/20   20   11   at 3:00 PM   (AM) (PM)   Taken   11/21   20   11   at 3:00 PM   (AM) (PM)   Taken   11/21   20   11   at 3:00 PM   (AM) (PM)   Taken   11/21   20   11   at 3:00 PM   (AM) (PM)   Taken   11/21   20   11   at 3:00 PM   (AM) (PM)   Taken   11/21   20   11   at 3:00 PM   (AM) (PM)   Taken   11/21   20   11   at 3:00 PM   (AM) (PM)   Taken   11/21   20   11   at 3:00 PM   (AM) (PM)   Taken   11/21   20   11   at 3:00 PM   (AM) (PM)   Taken   20   at		•	innulus / Tubing	1)	% C	arbon Dioxi	de		% Nitroge	n	Gas G	ravity - G	•
Pressure Buildup: Shut in 11/20 20 11 at 3:00 PM (AM) (PM) Taken 11/21 20 11 at 3:00 PM (AM) (PM) Taken 20 at (P, ) of		Depth(H)					•					Aun) (Pro	over) Size
Static   Orifice   Orifi			11/3	20 _	_ 11 . 3			11	1/21			PM ,,	
OBSERVED SURFACE DATA  Ouration of Shut-in		,											
Static / Dynamic Size Dynamic Size Dynamic Size (inches)   Pressure Meter Property   Prover Pressure (inches)   Prover Pressure (inches)   Prover Pressure (inches)	Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(/	(M) (PM)
Flowing   Flow		ı				OBSERVE			···		Duration of Shu	i-in	Hours
FLOW STREAM ATTRIBUTES  FLOW STREAM ATTRIBUTES  Flowing Temperature Factor Factor Factor F. (Cubic Feet) Park (Cubic Fee	Dynamic	Size	Meler Prover Pressu	Meter Differential Prover Pressure in		Temperature Temperature		Wellhead Pressure (P, ) or (P, ) or (Pc)		d Pressure (P <sub>i</sub> ) or (P <sub>e</sub> )			1
FLOW STREAM ATTRIBUTES  Plate Coefficient (F <sub>2</sub> )(F <sub>2</sub> ) Meter or Prover Pressure pisla Pisl	Shut-In	0.88	psig (Fili)	menes ri <sub>2</sub> 0			psig	,	psig	1	24		
Plate Coefficient Meter or Prover Pressure Pick Meter or Prover Pressure Pick Meter of Pick Meter of Pick Pick Meter of Pick Pick Pick Pick Pick Pick Pick Pick	Flow												
Coefficient (F <sub>x</sub> )(F <sub>x</sub> ) Modd Prover Pressure paia (P <sub>x</sub> ) <sup>2</sup> =		-			1	FLOW STR	EAM ATTRI	BUTES			···	1	· · · · · · · · · · · · · · · · · · ·
(P <sub>c</sub> ) <sup>2</sup> = : (P <sub>y</sub> ) <sup>2</sup> = : P <sub>d</sub> = % (P <sub>c</sub> ·14.4) + 14.4 = : (P <sub>d</sub> ) <sup>2</sup> = (P	Coefficient (F <sub>b</sub> ) (F <sub>p</sub> )		Meter or Extension		Factor		Temperature Factor	Fa	ctor	R	(Cubic F	eet/	Fluid Gravity
(P <sub>c</sub> ) <sup>2</sup> = : (P <sub>y</sub> ) <sup>2</sup> = : P <sub>d</sub> = % (P <sub>c</sub> ·14.4) + 14.4 = : (P <sub>d</sub> ) <sup>2</sup> = (P													
Choose formula 1 or 2.  1. P <sub>c</sub> <sup>2</sup> P <sub>s</sub> <sup>2</sup> or (P <sub>c</sub> ) <sup>3</sup> · (P <sub>d</sub> ) <sup>2</sup> Open Flow Company	(P) <sup>2</sup> =		: (P )² =	:	•					:			17
Open Flow  Mcfd @ 14.65 psia  Deliverability  Mcfd @ 14.65 psia  The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 28TH day of DECEMBER  Witness (if any)  Witness (if any)	(P <sub>e</sub> ) <sup>2</sup> - (	·		Chaose formula 1 or 2	LOG of formula		Backpres Stop	ssure Curve	n x l	og		Ope Deliv Equals	rerability Fix Antilog
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 28TH day of DECEMBER , 20 11 .  Witness (if any)  Witness (if any)		-		divided by: $P_c^2 - P_w$		<u> </u>	Standa	ard Slope	-	الد سا		"	wicia)
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the facts stated therein, and that said report is true and correct. Executed this the 28TH day of DECEMBER , 20 11  Witness (if any)  RECEIVE	Open Flo	)W		Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 p	sia	
Witness (if any) RECEIVE	The	undersigr	ned authority, o	n behalf of the	Company,	states that h	e is duly au				rt and that he h		_
	the facts s	stated the	rein, and that sa	aid report is tru	e and correc	t. Executed	this the _28	зтн	day of Di	ECEMBER	<u> </u>	, 2	0 11 .
For Commission Checked by IAN n 2 20			Witness (i	f any)			-			For C	Company	RE	CEIVET
			For Comm	vission			_			Chec	cked by	IAN	U 3 30

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY							
	at the foregoing pressure information and statements contained on this application form are true and							
correct	to the best of my knowledge and belief based upon available production summaries and lease records							
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.							
l he	reby request a one-year exemption from open flow testing for the DAVIES D-2							
gas we	ll on the grounds that said well:							
	(Check one)							
	is a coalbed methane producer							
is cycled on plunger lift due to water								
	is a source of natural gas for injection into an oil reservoir undergoing ER							
	is on vacuum at the present time; KCC approval Docket No							
is not capable of producing at a daily rate in excess of 250 mcf/D								
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissio							
staff as	necessary to corroborate this claim for exemption from testing.							
Date: _	12/29/2011							
	$\frac{1}{2}$							
	Signature:							
	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.