RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:						(\$	See Ins	tructio	ns on Reve	erse Side)				
□ Оре	en Flow	v				-									
✓ Deliverabilty					Test Date 05/20/20			API No. 15 15-189-21805 Q000							
Company MERIT ENERGY COMPANY								•	Lease SPIKES G				Well Number		
County Location STEVENS 660 FSL & 660 FWL				Section 17			TWP 31		RNG (E/W) 38W			Acres Attributed 640			
Field PERRILL SW				Reservoir LOWER MORROW					Gas Gath	Gathering Connection					
Completion Date 012/01/1994				Plug Back Total Depth 5673					Packer Set at NA			-			
Casing Si 5.5	asing Size Weight 5 15.5#				Internal Diameter 4.95			Set at 6040		Perforations 5642		то 5664			
Tubing Size 2.375	ubing Size Weight .375 4.7					Internal Diameter 1.995			Set at F		Perfor	erforations To			
Type Completion (Describe) SINGLE (GAS)					Type Fluid			Pump Unit or Traveling YES :			Plunger? Yes / No				
Producing		(Anr	nulus / Tubir	ng)		% C	arbon [Dioxide	е	·	% Nitroge			ravity -	G _g
Vertical Depth(H) 5653					Pressure Taps FLANGE					(M . 3			eter Run) (Prover) Size		
Pressure Buildup: Shut in 05/19/2013 20					0at_9	at 9:00 AM (AM) (PM) Tak				5/20/201	3 20	at 9:00 A	at 9:00 AM (AM) (PM)		
Well on Li	ine:	,	Started		20	O at		(AM) (PM)	Taken		20	at		(AM) (PM)
					·		OBSE	RVED	SURFACE	DATA	,		Duration of Shut	-in	Hours
Static / Dynamic Property	Orifice Size (inches)		Circle one: Meter Prover Press psig (Pm	Differ sure i	ential 1	Flowing Temperature t	Well He Tempera t	Wellhead Pr		Pressure			Duration Liquid Produc (Hours) (Barrels)		
Shut-Iri	1.0								F**5	32	, ,,,,	0	- 24		·
Flow															
							FLOW	STRE	AM ATTRI	BUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Exter	Press Grav Extension Fact √P _m xh F ₀		tor Te		Flowing mperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m
				i i											
P _c) ² =		_:	(P _w) ²	=	_ :	(OPEN FL	OW) (DI	ELIVE %	(P	CALCUL - 14.4) +		:) ² = 0) ² =	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		LOG of formula 1. or 2. and divide by:		2 W	Backpressure Curve Slope = "n" or Assigned Standard Slope		n v i	LOG	Antiloa 1		Open Flow Deliverability uals R x Antilog (Mcfd)
··., ·· ··-								-			<u>.</u>		*		
Open Flo	w			Mefd	@ 14.	65 psia			Deliverabi	lity		·	Mcfd @ 14.65 ps	sia	
		-	d authority,			• •			·			ne above repo	rt and that he h		wledge of
14013 3	.a.ou II	.0161	in and that	ould report	.5 1146	, and come	LAGO	aiou t			Juj 01	m	D		
			Witness	(if any)					_			For C	Company	K	CC WICH
				s (if any) nmission				· .	_				Company Coked by		OV 14

I declare under pe	enalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status under R	tule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY
and that the foregoing	g pressure information and statements contained on this application form are true and
correct to the best of m	ny knowledge and belief based upon available production summaries and lease records
of equipment installation	on 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 SPIKES G-1
gas well on the ground	ds that said well:
(Check one)
is a	a coalbed methane producer
iso	cycled on plunger lift due to water
isa	a source of natural gas for injection into an oil reservoir undergoing ER
is c	on vacuum at the present time; KCC approval Docket No
√ is n	not capable of producing at a daily rate in excess of 250 mcf/D
I further agree to s	supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to o	corroborate this claim for exemption from testing.
Date: 11/11/2013	
•	
	Signature: M. Chenfatrice
	Title: _REGULATORY ANALYST
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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.