KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				C	See Instruct	ions on Reve	erse Side)				
Open Flow				Toot Date	Test Date:				No. 15				
Deliverabilty					01/18/2015				189-22278 - 0	0000			
Company MERIT		3Y C	OMPANY				Lease HJV SPF	RING A	****			Well No	ımber
County Location STEVENS 1320' FNL & 1080' FEL				Section 29				FING (E/W) 37W		Acres Attributed 640			
Field GENTZLER					Reservoir MORROW			Gas Gathering Connection APC				_	
Completion Date 09/25/2002				Plug Bad 5970'	Plug Back Total Depth 5970'			Packer S NA	Set at				
			Weight 15.5#			Internal Diameter 4.95		Set at 6200'		rations 0'	то 5748'		
Tubing Size 2.375			Weight 6.5#		Internal I 1.995	Diameter	Set at 5875'		Perforations NA		To NA		
Type Completion (Describe) SINGLE GAS					Type Fluid Production COND/WATER			Pump Unit or Traveling Plunger? Yes / No YES					
Producing	g Thru	(Annı	ulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	en	Gas G	ravity - (3 ₀
Vertical E	epth(H))				Pres	sure Taps				(Meter	Run) (P	rover) Size
			0 15 at 1				/19	719					
Well on L	ine:	s	tarted	2	0 at		·(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFACE		Т "		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	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing ad Pressure r (P ₁) or (P _c) psia	Duration Liq (Hours)		d Produced Barrels)
Shut-In	1.0						48		30		24		
Flow							<u> </u>				 .	_	
	- ,					FLOW STR	EAM ATTRI	BUTES					
Plate Coefficient (F _b) (F _p) Mofd		A	Circle one: Meter or rer Pressure psia	Press Extension ✓ P _m xh	Grav Faci F _c	tor T	Flowing Temperature Factor F _{II}		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
	.]							<u></u> _	_				
(P _c) ² =			(P _w) ² =		(OPEN FLO		ERABILITY)	CALCUL - 14.4) +		•)² ≃ 0.2)² =	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c)² - (P _w)²	Thouse formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	ase farmula 1 or 2: 1. P _c ² - P _n ² LOG of formula 2. P _c ² - P _d ² 1, or 2 and divide		Backpress Slape o Assiç Standar		n x	LOG	Antilog	Open Flow	
 							-			·			<u> </u>
0				Maid @ 14	CE maio		Dalivarabil				Mcfd @ 14.65 ps		
Open Flo				Mcfd @ 14.			Deliverabil			<u> </u>	<u></u> _		lodge of
				behalf of the						ovember	rt and that he h		160ge of 20 <u>15</u> .
						Red	ceived		M		ıy Compan	у	
Witness (if any)				KA	MANSAS CORPORATION COMMISSION DEC 0 2 2015				Katherine McClurkan Checked by				
For Commission													

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penalty of perjury under the laws of the state of Kansas that I am authorized to request r Rule K.A.R. 82-3-304 on behalf of the operator Merit Energy Company ing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records ation and/or upon type of completion or upon use being made of the gas well herein named. It a one-year exemption from open flow testing for the HJV Spring A-1
unds that said well:
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
to supply to the best of my ability any and all supporting documents deemed by Commission
to corroborate this claim for exemption from testing.
0, 2015
Received CORPORATION COMMISSION Signature: Katherine McClurkan Lahuw McClurka DEC 0 2 2015 Title: Regulatory Analyst USERVATION DIVISION WICHITA, KS

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.