KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruct	tions on Reve	erse Side	9)			
Open Flow			Test Date: API No. 15								
De	liverabilty			01/02/15					175-20877-0	1002	
Company MERIT E		COMPANY				Lease GROVEF	R D			1	Well Number
County Location SEWARD 2722' FSL & 2148' FEL			Section 17				RNG (E 34W	/W)	Acres Attributed 640		
Field WIDEAV	VAKE			Reservoir UPPER (OWER MOR	ROW	Gas Gas APC	thering Conne	ection	
Completic 07/01/19			<u></u> _	Plug Bac 6080'	k Total Dept	h	,	Packer S	Set at		
Casing Size 5.5		Weight 15.5#		Internal Diameter 4.95		Set at 6281'		Perforations 5826'		To	
Tubing Size		Weight		Internal Diameter		Set at		Perforations		To	
2.375	npletion (E	4.7#		1.995	d Production	5941'		NA Bump U	nit or Tevalina	NA Plunger? Yes	/ No
	INGLED			WATE		1		NO	nit or flaveling	Fluinger: #cs	, NO
Producing	,	nulus / Tubing)		% C	arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - G _g
Vertical D	epth(H)	3			Press FLAN	sure Taps NGE				(Meter I	Run) (Prover) Size
Pressure	Buildup:	Shut in 01/02	2 2	0_15_at_1:	:30 PM	(AM) (PM) T	aken_01	1/03	20	15 _{at} 1:30 P	M (AM) (PM)
Well on L				0 at		(AM) (PM) T	aken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)		Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P ₁)	ressure or (P _e)	Wellha	Tubing ead Pressure or (P _c) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.875	psig (Filit)	Inches H ₂ 0			30.0	psia	psig	psia psia	24	
Flow											
		· · · · · · · · · · · · · · · · · · ·			FLOW STR	EAM ATTRIE	UTES				
Plate Coefficient (F' _b) (F' _p) Mofd		Circle one: Meter or over Pressure psia Press Extension √ P _m x h		Grav Fact F _g	lor 7	Temperature F		viation Metered Flor factor R F _{pv} (Mcfd)		(Cubic Fe Barrel)	Flowing et/ Fluid Gravity G _m
					<u> </u>						
/D \2		(D)2 -	•	•	, ,	ERABILITY)	C ALCUL - 14.4) +		•	(P _a) ²	c = 0.207
$(P_c)^2 = $			oose formula 1 or 2			Backpress			<u>_</u>	7, q)	Орел Flow
(P _c) ² - (F or (P _c) ² - (F		P _c) ² - (P _w) ²	 P_e² - P_e² P_e² - P_d² 	LOG of formula 1, or 2, and divide	P.2. P.2	Slope C Assig	= "n" gned	. nx	LOG	Antilog	Deliverability Equals R x Antilog
		div	ided by: P _c ² - P _w	by:	[.c . w]	Standar	d Slope				(Mcfd)
:											
Open Flor	w		Mcfd @ 14.	65 psia		Deliverabili	ty			Mcfd @ 14.6 <mark>5</mark> psi	a
	_	-								rt and that he ha	
the facts s	tated there	ein, and that said	I report is true	and correc	t. Executed	this the _SU	.11		lovember	0	, 20 15
		Witness (if a	ny)	KANS	305€ 7800÷ 0.88	n ed —		IVI		y Company	<u> </u>
							.3/0		Katherine	McClurkar	<u> </u>
		For Commiss	ion		ن تالل	2 2015			Chec	ked by:	

CONSERVATION DIVISION WICHITA, KS

	eclare under penalty of perjury under 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
and tha	t 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.
Ihe	reby request a one-year exemption from open flow testing for theGROVER D-1
gas wel	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 fur	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
	,
Date: N	November 30, 2015
	Received KANSAS CORPORATION COMMISSION Signature: Katherine McClurkan Lourum MCClurk
	DEC 0.2 2015
	Title. Trogatatory Finance
	CONSERVATION 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.