KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Reve	erse Side)				
Open Flow				Test Date:				ΛĐ	l No. 15				
Deliverabilty					02/28/2015				175 -2 0604-0	0000			
Company MERIT 6		GY CC	OMPANY				Lease GROVE	R B			1	Well Number	
County Location SEWARD 660' FSL & 3300' FEL				Section 1				RNG (E 34W	/W)	Acres Attributed 640			
Field WIDEAV	NAKE				Reservoir KEYES					thering Conn	ection		
Completi 08/13/19		9			Plug Bac 6430'	Plug Back Total Depth 6430'			Packer Set at NA'				
Casing S 4.5	lize		Weight 11.6#		Internal E	Internal Diameter 4.0		Set at 6430'		orations 2'	то 6252'		
Tubing S	ize		Weight		Internal Diameter		Set at		Perforations		То		
2.375 4.7# Type Completion (Describe)			1.995	d Production	6224		NA Pump Unit or Tra		NA Blungar? Yas	/ No.			
SINGLE			ence)		WATE		1		NO	int of fravelling	riunger: les	, NO	
Producing CASING	~	(Annul	us / Tubing)		% C	arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - G _g	
Vertical E	Depth(H)		-4		Pres FLAI	sure Taps NGE				(Meter I	Run) (Prover) Size	
Pressure	Buildu	o: Sh	ut in 02/2	82	15 at 9	:30 AM	(AM) (PM)	Taken 03	3/01	20	15 _{at} 9:30 A	M(AM) (PM)	
Well on L	ine:				0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA		-	Duration of Shut-	in 24 Hou	
Static / Dynamic	min Size Meter			Pressure Differential	Differential Flowing		Casir Wellhead P (P _{vr}) or (P _v)	Pressure Wellh		Tubing ead Pressure or (P,) or (P,)	Duration (Hours)	Liquid Produced (Barrels)	
Property	(inch	es) '	psig (Pm)	Inches H ₂ 0	t	t	psig	psia	psig	psia	,	,	
Shut-In	.5						75.0				24		
Flow													
						FLOW STR	EAM ATTRI	BUTES				····	
Coeffied (F _b) (F	Plate Coeffiecient (F _b) (F _p) Mofd		cle one: eter or r Pressure psia	Press Extension ✓ P _m x h	Grav Fact	tor 1	Flowing Femperature Factor F _{II}	Deviation Factor F _{pv}		Metered Flov R (Mcfd)	y GOR (Cubic Fe Barrel)	1 Gravity	
(P _c) ² ≃			(P _w) ^{2:} =		(OPEN FLO	• •	ERABILITY)	CALCUL - 14.4) +			(P _a)	² = 0.207	
			С	hoose formula 1 or 2	:			sure Curve	i		V- 0/	Open Flow	
(P _c) ² - (I or (P _c) ² - (I	·	(P _c)²	? - (P _w)2	1. P _c ² -P _a ² 2. P _c ² -P _d ²	LOG of formula 1. or 2. and divide	P ₆ ² - P _w ²	Assi	e = "n" or gned	лх	LOG	Antilag	Deliverability Equals R x Antilog (Mcfd)	
			di	vided by: $P_c^2 - P_w$	by:	<u> </u>	Standar	rd Slope				, , , ,	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 psi	a	
		-	•								rt and that he ha		
the facts s	tated th	nerein,	and that sai	d report is true	e and correc	t. Executed	this the 300			November		, 20 <u>, 15</u>	
			Witness (if	any)	Received KANSAS CORPORATION COMMISSION					Merit Energy Company For Company			
											McClurkan		
			For Commis	sion		UEL	02 201	5		Che	cked by		

CONSERVATION DIVISION WICHITA, KS

exempt status und and that the foreg correct to the best of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to the Rule K.A.R. 82-3-304 on behalf of the operator Merit Energy Company oing pressure information and statements contained on this application form are of my knowledge and belief based upon available production summaries and lease allation and/or upon type of completion or upon use being made of the gas well hereing the analysis one-year exemption from open flow testing for the Grover B-1	true and e records
gas well on the gr	ounds that said well:	
(Check	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	_
_	e to supply to the best of my ability any and all supporting documents deemed by C to corroborate this claim for exemption from testing.	Commission
Date: November	30, 2015	
KAP	Signature: Katherine McClurkan Colorida Y Title: Regulatory Analyst	Ne Clinke

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.