KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruc	tions on Reve	erse Side	e)					
Open Flow					Test Date	Test Date:				API No. 15				
Deliverability						06/06/2015				15-175-20426-0000				
Company MERIT		GΥ	COMPANY				Lease CROW					Well Number A-1		
County Location SEWARD 660 FSL & 660 FV					Section 34		TWP 33S		RNG (E/W) 34W			Acres Attributed 640		
Field SHUCK					Reservoi		Gas Ga APC		thering Conn	ection				
Completion Date 11/14/89			·		Plug Bac	Plug Back Total Dept		Packer Set at NA'		Set at				
Casing Size 4.5			Weigh 10.5	ıt	Internal Diame 4.052		Set at 6168'		Perforations 5960'		то 5974'			
Tubing Size			Weigi	nt	Internal D		Set at	•		orations	То			
2.375			4.7		1.995		5957'		NA		NA			
Type Completion (Description Completion Completion (Description Completion Completion Completion (Description Completion Co					WATE	Type Fluid Production WATER				Pump Unit or Traveling Plu NO				
Producing TUBING	-	(Anı	nulus / Tubin	g) 	% C	arbon Dioxi	de 		% Nitro	gen	Gas Gr	avity - G _g	•	
Vertical Depth(H) 6063'				_		Press FLAI	sure Taps VGE	•		_	(Meter Run) (Prover) Size			
Pressure	Buildu	p;	Shut in _05/	06	15 at 1	0:30 AM	(AM) (PM)	Taken_05	5/07	20	15 at 10:30	AM(AM) (F	,W)	
Well on L	ine:		Started	2	!0 at		(AM) (PM) 1	「aken		20	at	(AM) (F	'M)	
					1	OBSERVE	D SURFACE				Duration of Shut-	in 24	Hours	
Static / Orifice Oynamic Size Property (inches)		е	Circle one: Meter Prover Pressi		Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing ead Pressure or (P _t) or (P _c)	Duration (Hours)	Liquid Produ (Barrels)		
Shut-In	.50		psig (Pm)	Inches H ₂ C			100.0	psia	psig	psia	24	<u></u>		
Flow								,			··· <u>·</u>			
			•	1		FLOW STR	EAM ATTRIE	BUTES						
Plate Coeffieclent (F _b) (F _p) Mcfd		Circle one: Meler or Prover Pressure psia		Press Extension ✓ P _m x h	Extension Fact		Flowing Temperature Factor F _{f1}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	Grav	ild vity	
					(OPEN FLO	OW) (DELIVI	ERABILITY)	CALCUL	ATIONS	L 	(D.)	2 0 007		
(P _c) ² =		_;	(P _w) ² =	:	P _d =	_	· ·	- 14.4) +		:	(P _d)	²		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 oc.2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	1, P _c ² -P _a ² LOG of formula 2, P _c ² -P _d ² 1, or 2, and divide		Backpressu Slope : or Pc2-Pu2 Assign Standard		n x	LOG	Anlilog	Open Flow Deliverabili Equals R x A (Mcfd)	ity	
		_		amaea by. Te - T-w	- 5).	<u> </u>	Standar	- Clope	+					
Open Flor	w			Mcfd @ 14.	.65 psia		Deliverabili	ty			Mcfd @ 14.65 psi	a		
		•	•				•			-	rt and that he ha	_		
the facts s	tated th	nerei	n, and that s	aid report is tru-	e and correc	t. Executed	this the 30t	<u>h</u>	day of _	lovember		, 20		
			lation	(any)	tons:	Kebb SAS COSPIDA	arveti ATION CONMOS	. 10.	Merit	Energy C	Company			
· 			Wilness (ີ່ມີຂູ່ ບໍ		or cin	Kath	nerine Mc				
						0	= 4UIÜ				-			

CONSERVATION DIVISION WICHITA, KS

I declare 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 that 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									
of equipment installation 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 Crow A-1									
gas well 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									
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.									
Date: November 30, 2015									
Signature: <u>Katherine McClurkan Trither ine M. Jurke</u> m									
Received NANSAS CORPURATION COMMISSION Title: Regulatory Analyst									
DEC 0 2 2015									
CONSERVATION DIVISION									

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.