KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					1	'See Instr	uct	ions on Reve	erse Side)						
Open Flow					Test Date:				API No. 15								
Deliverabilty						6-24-16		API No. 15 15-081-22114 ~ 00 ~ 00									
Company MERIT		COMPANY	,					Lease ANDREV					Well Number 17-2				
County Location HASKELL					Section 17			TWP 30S		RNG (E 32W	/W)		Acres Attributed				
Field				Reservoir ATOKA			Gas Gathering Conn LINN ENERGY			nectio	n	. ,					
Completion Date 8/3/15						Plug Back Total Depth 5350			h	Packer Set at 5286						and white the state of the stat	
Casing Size Weight 5.5 17.0				Internal Diameter 4.892			Set at 5651		Perfe 530	orations	_	то 5308					
Tubing Size Weight 2.375 4.7				Internal E 1.995	Internal Diameter 1.995			Set at 5286		orations		То					
Type Completion (Describe) Type Fluid Production NONE Pump Unit or Traveling Plunger? NONE NO									nger? Yes	/ No							
Producing Thru (Annulus / Tubing) TUBING						% c	arbon Die	oxic	ie		% Nitrogen 13.1513			Gas Gravity - G _g 0.754			
Vertical Depth(H) Pressure Taps (Meter Run) (Prove 5305 FLANGE 3.068"									rover) Size								
6-20-16 0700 6-23-16 0700									AM) (PM)								
Well on Line: Started 6-23-16 20 at 0700 (AM) (PM) Taken 6-24-16 20 at 0700 (AM)																	
·							OBSER	VE	SURFACE	DATA		<u> </u>	Dura	ation of Shut-	_{n_} 72.	0 Hours	
Static / Orlfice Dynamic Size Property (inches)		е	Circle one: Meter Prover Press pslg (Pm)	Pres Differ pre in	ential .	Flowing Temperature	Well Head Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellho	Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	Shut-In		paig (i iii)	Inche	1120.	•			psig	psia	992.8	407.2	72	72.0			
Flow	Flow 1.500 35.6		35.6	47.1		62 75.0					265.9	265.9 280.3		24.0			
		·					FLOW S	TRI	EAM ATTŖIB	UTES .	•					-	
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psla		Press Extension ✓ P _m x h		Gravity Factor F _g		Flowing Temperature Factor F _{re}		Devia Fac F _c	tor			w GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m	
11.4128		50	.0	48.53	48.53		6 (0.9981		1.0048		639.7		NONE		0.754	
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 165.8$: $(P_w)^2 = 87.7$: $(P_d)^2 = 72.7$ % $(P_g - 14.4) + 14.4 = 407.2$: $(P_d)^2 = 0.207$																	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 of 2: 1. $P_c^2 - P_c^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$		LOG of formula 1. or 2. and divide by:		Backpressu Slope		ure Curve = "n" n : ned		x LOG		· Antilog		Open Flow Dollverability Equals R x Antilog (Mcfd)	
165.60 78.09		.09	2,121		0,3265		0.95		_	0.3	0.3102		2.0426		1306.59		
Open Flow 130				Mcfd @ 14.65		.!			Deliverability		1 0.0			Mcfd @ 14.65 psia			
			d authority, o			•	tates that	t he		-	make ti	ne above ren				ledge of	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the																	
						M	(CC)	Ŋ	ICHIT <u>a</u>	Price	Sidn	Wirel	no	4 Tes	trn a		
			Witness (U any)		·				_	Mm.	1/1/	Compar	1		, —	
For Commission JUN-29 2016 March Broth Checked by								۷ ۲	7 ZUIU		· Com	Che	cked by				

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exempt status under Rule K.A.R. 82-3-30 and that the foregoing pressure information correct to the best of my knowledge and of equipment installation and/or upon types.	ander the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator
is on vacuum at the p is not capable of prod	
staff as necessary to corroborate this classes: Date: 6-27-2016	
KCC WICHITA JUN 29 2016 RECEIVED	Signature: Matherine Mulinkan Title: Regulatory Analyst.

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.