## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t;				(	See Instruc	tions on Re	verse Side	9)					
	oen Flov eliverabi				Test Date 11-17-2					No. 15 -119-00045	-(XXX)	ł		
Company Rama C		ng Co., Ind	···	<del></del>			Lease Flagle '	'A"			$\bigcirc$	Well Nur	nber	
County Meade	•			Section 20		TWP 31		RNG (E/W) 29w		Acres Attributed 640		ttributed		
Field Hockett				Reservoir Kinderhook			Gas Gathering Connection Oneok							
Completion Date 10-12-1957			Plug Bac	Plug Back Total Depth				iet at						
Casing S 5 1/2	Casing Size Weight 1/2 15.5			7 (a) (a) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Internal (	Diameter	Set 562	t at Perforations		rations	то 5556			
Tubing Size Weigh 2 3/8		Veight	Internal Diameter				Set at Perforations 5400			То				
Sina	e(C	(Describe)		.,	water	d Production		-	Pump Ur Pumpi		Plunger? YB	/ No		
Producing Annulus	g Thru	Annulus /	Tubin	CEIVEL	) % 0	arbon Dloxi	de		% Nitrog	<del></del>	Gas Gr	ravity - G	0	
Vertical D	Depth(H)		DE	C 14 20	10	Pres	sure Taps				(Meter	Run) (Pro	over) Size	
Pressure	Buildup	: Shut in	KCC	WICH	<b>TA</b> at_		(AM) (PM)	Taken		20 .	at	(/	AM) (PM)	
Well on L	.ine:	Started	11-23	3 20	0 <u>10</u> at		(AM) (PM)	Taken	<u></u>	20	at	(	4M) (PM)	
						OBSERVE	D SURFAC	E DATA	,		Duration of Shut-	in 144	Hour	
Static / Orifice Dynamic Size Property (inches)		Prover	one: eter Pressure (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							480							
Flow											· · · · · · · · · · · · · · · · · · ·	<u></u>	<del></del>	
					<u> </u>	FLOW STR	EAM ATTR	IBUTES	Т			I		
Plate Coeffied (F <sub>b</sub> ) (F Mofd	ient ,)	Circle one:  Mater or  Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Grav Fact F <sub>g</sub>	or Temperature		Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
		····· •			(OBEN EL	OW) (DELIN	EDADU ITV		ATIONO					
P <sub>c</sub> )² =		; (F	)² =	:		OW) (DELIVI		) CALCUL <sup>)</sup> <sub>c</sub> - 14.4) +		:		2 = 0.20 2 =	ı7 	
(P <sub>c</sub> ) <sup>2</sup> · (F	P <sub>e</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> )		: 2005e formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> ded by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n"		0 x 100		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flow Mcfd @ 14.65 psia De						Deliverab	rability Mcfd @ 14.65 psia							
				ehalf of the report is true						e above report ecember	t and that he ha		edge of 0 <u>10</u> .	
		Wit	ness (if ar	y)	<del>\</del>		_			For Co	mpany		<del></del>	
	·	For	Commissi	on			2.40			Check	ed by			

exempt status un and that the for correct to the be of equipment ins I hereby req	der penalty of perjury under the laws of the state of Kansas that I am authorized to request a der Rule K.A.R. 82-3-304 on behalf of the operator Rama Operating Co., Inc.  Regoing pressure information and statements contained on this application form are true and state of my knowledge and belief based upon available production summaries and lease records tallation and/or upon type of completion or upon use being made of the gas well herein named. Usest a one-year exemption from open flow testing for the Flagle "A"  grounds that said well:
I further agr	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 se to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
	Signature: Vice President

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.