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

Type Tes	st:				;		(See Instruc	tions on Re	verse Sid	e)	<u>.</u> .				
o	pen F	low						-	••	•			• -	· · -	
	eliven	abilty				Test Da	:e:			ĀΡΙ	No. 15	0- 101		000	
Compan	· · · ·										0	25-100	102	<u>-00</u>	
Compan		ais	er F	rat	ncis O	11 00		Lease	7 - 7 1				Well.Nu	ımber	
County				catio		Section		TWP	Colks	RNG (E/	W)	1-1		1 A 1 A 1	
	C]	lar			SE SW	16		33s		. 21W			ACTES /	Attributed	
Field		·	<del>*</del> .	<del></del>		Reservo	ir				hering Conn	ection			
	<u>N.</u>	<u>. H</u>	arper	Rε	inch		Morro	W.			•	GPM			
Completi			1-61				k Total Dep	th .	, •	Packer S	et at	(37-14		·	
0		. – 2					444	- <del></del>	<u> </u>		one				
Casing Size Weight					Diameter				rations ·	То					
4.5 10.5 Tubing Size Weight				<u> </u>		052 Diameter	5483		5375 ::		5430				
rubing 0		37		4.	7				et at Perforation 5393		rations	То			
Type Cor				<del></del>			995 id Productio	5_	93	Ouma Ha	it or Travelle		<del>- ::</del>		
		-	le Ga	5		• •	nd.	• •		eanh on	it or itaveling	Plunger? Yes	/ No		
Producing	g Thr	u (Aņ	nulus / Tu	oing)		% (	arbon Diox	ide		% Nitrogi	an	Gee G	ravity - C		
	Tu	biı	ng		*	***	•				•••	, 023 0			
Vertical C	epth(	H)					Pres	sure Taps	<del></del>		<del></del>	(Meter	_702 Bun) (Pr	over) Size	
	54	02			_	Flange -						4 "		010// 0/20	
Pressure		-	Shut in _	8/1	1/11 -	n		(AM) (PM)		0/2/	11			<del></del>	
				-	•					, ,	20	at	(	AM) (PM)	
Well on L	ine:		Started		2 2	0 at		(AM) (PM)	Taken			at			
·			<u> </u>					D SURFACE			<del></del> :		<del></del>	<del></del>	
Static / Orifice Gircle ene: Pressure			Pressure			Casing		Tubing		Duration of Shut-in		Hours			
Dynamic	SI		Mete.		Differential	Flowing Temperature	Well Head Temperature	Wellhead Pressure		Wellhead Pressure		Duration	Liquid	Liquid Produced	
1 1		105)	Prover Pre psig (Pr		in Inches H <sub>2</sub> 0	t	t	(P <sub>a</sub> ) or (P <sub>t</sub> ) or (P <sub>t</sub> )		(P,) or (P,) or (P,)		(Hours)	(Bairels)		
Shut-In				<del></del> -				psig	psia	psig	psia	<del></del>	<del> </del>		
			,			<u> </u>				45		24	ł		
Flow			_												
					·		FLOW STR	EAM ATTRI	BUTES	· .	<u> </u>	<del></del>	<u>.                                    </u>		
Plate			Circle one:		Press			Flowing	T			<del></del>			
Coefficci	1	Mater or			Extension	Gravity T		Temperature Fac					.	Flowing Fluid	
(F,) (F, Mcfd	,)	Pro	ve <i>r Pressure</i> psia	'	P <sub>xh</sub>	F		Factor	1		(Mcfd)	(Cubic Fer Barrel)	ev j	Gravity	
					<del></del>			F,,	<u> </u>					G,	
												ļ			
~				·		(OPEN FL	W) (DELIVI	ERABILITY)	CALCIII	ATIONS		<del> </del>		<u> </u>	
(P <sub>e</sub> ) <sup>2</sup> =			(P_)			P <sub>d</sub> =	%						= 0.20	7 \	
					ose formula 1 or 2:	<u> </u>	<del></del> ^		- 14.4) +	14.4 =	<del>:</del> -	(P <sub>e</sub> ) <sup>2</sup>			
(P <sub>e</sub> )² - (P	· [	(P	)2 - (P_)2		1, P. 2 - P. 2	LOG of			ure Curve		_ [ ] [		,	n Flow	
or {P <sub>c</sub> }² - (P <sub>a</sub> )²				:	2, P, - P, 2	formuta 1, or 2.		or		n x LOG		Antilog		Deliverability   Equals Fl x Antilog	
· · · · · · · · · · · · · · · · · · ·		an an		anic	ed by P. P. P.	and divide   p 2 - p 2		Assigned Standard Slope					(Mctd)		
								<del></del>		<del>- </del>		<del></del>			
				<del>  -</del> -	<del></del>	<del> </del>		-		<del>- </del>		i			
			<del></del> -	<u>L</u> .		<u> </u>					İ				
Open Flow	,	Mcfd @ 14.6			5 psia		Deliverability		Mcfd @ 14.65 psia						
Th			and to						<u> </u>	·		<del></del>			
ine u	naers	ignea	authority,	on b	ehalf of the	Company, s	ates that he	is duly auti	orized to			and that he has	s knowle	dge of	
ne facts sta	ated (	hereir	, and that	said i	report is true	and correct	Executed	this the	<u>'4</u>	lay of	ctobar		. 20	11:	
						ים	-				- m	1.:	· - ·	·	
<del></del>			Witness	lil ser	<u> </u>	KI	CEIVE	ט _		rven		ajor			
•		•	***********	, to suit	,	I A	N_1.7 2	012	•		F# Co	ny liny			
			For Cor	nnissio	n	JA	14-1-£ &	V14		<del></del>	Check	ed by	<del></del> -	<del></del>	
												-			

	:			<b>4</b>	· ·	
exempt status und and that the foreg correct to the best of equipment insta	er Rule K.A.R. 82- loing pressure info of my knowledge ullation and/or upor est a one-year exel	ormation and state and belief based up a type of completion mption from open f	the operator <u>I</u> ments contained pon available pro n or upon use bel	Caiser Fra on this application summa	ncis Oil tion form are t tries and lease	CO. rue and records
(Check	is a coalbed meth is cycled on plun- is a source of nat is on vacuum at the is not capable of	nane producer ger lift due to wate tural gas for injection he present time; KO producing at a dail	on into an oil rese CC approval Docl ly rate in excess	ket No of 250 mcf/D	, i	ommission
staff as necessary			•	_	•	
		Signature: _	Robert	Maja		
· · · · · · · · · · · · · · · · · · ·		Title: _	Productio	n Records	Manager	

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.