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

iype iesi	ι;			•	see msuuci	ions on ne	verse Side	"					
	en Flow			Test Date	e:			API	No. 15				
	liverabil	ty 	·	5/18/15				175	-20,464-00-	00			
Company Oil Prod		inc.of Kansas				Lease Satterfie	eld			2-13	Weil Nu	mber	
County Location Seward C NE					TWP 31S	•		W)		Acres A	Attributed		
Field Thirty One				Reservoir Morrow				Gas Gat NNG	hering Conn	ection	L	<u></u>	
Completion Date				Plug Back Total Depth				Packer S			SC MI		
Casing Size 4.5		Weig	Weight		Internal Diameter		Set at Perfo 5505 535		rations 7	то 5472	<del>- 30</del>	CC WICECEIVE	
Tubing Size 2.375		Weig	ht	Internal Diameter		Set at 5451		Perforations		То	- 17	CEIVE	
Type Cor	mpletion	(Describe)		Type Flui	d Production	n ,		Pump Ur	nit or Traveling	Plunger? Yes	/ No	6-2	
	g Thru (	Annulus / Tubir	ıg)	% C	Carbon Dioxi	de		% Nitrog	en	Gas G	ravity - 0	à,	
Vertical E	Pepth(H)				Pres	sure Taps			<del></del>	(Meter	Run) (P	rover) Size	
Pressure	Builduo	: Shut in 5/1	17 ,	ຸ 15 ູ, 2	:15 pm	/AAA) /BAA)	Takon 5/	18	20	15 <sub>at</sub> 2:15 p		(AM) (PM)	
Well on L	•									at			
					OBSERVE	D SURFAC	E DATA		-	Duration of Shut	 t-in	Hours	
Static / Dynamic Property	Oynamic Size Pro		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure $(P_e) \propto (P_1) \propto (P_c)$		Duration (Hours)	Liqui	Liquid Produced (Barrels)	
Shut-In	_	psig (Pm)	, mones 11 <sub>2</sub> 0			216.6	231.0			24	24		
Flow							_						
	<del></del>		<del></del>		FLOW STR	EAM ATTR	IBUTES			<del></del>			
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circlo one: Meter or Prover Pressure psia	Press Extension  ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Devia emperature Factor Factor F <sub>tt</sub>		ctor R		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
			<u> </u>	(ODEN EL	OW) (DELIV	EDADII ITV	CALCUI	ATIONS					
(P <sub>c</sub> ) <sup>2</sup> =		: (P_)2:	= :	P			, CALCOL 2 <sub>e</sub> - 14.4) +		:		) <sup>2</sup> = 0.2 ) <sup>2</sup> =	07	
(P <sub>c</sub> ) <sup>2</sup> -(	P <sub>a</sub> ) <sup>2</sup>	(P <sub>c</sub> )²- (P <sub>u</sub> )²	Choose formula 1 or 2  1. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> 2. P <sub>d</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	LOG of formuta 1. or 2. and divido		Backpre Slop As	ssure Curve pe = "n" - or - signed and Slope	$\neg$	roe	Antilog	Op Deli Equals	pen Flow iverability is R x Antilog (Mcfd)	
Open Fie				SE poio		Deliversh	ant.			Maid @ 14 SE po			
Open Flo		and nutbooths	Mcfd @ 14.		otataa ibai t	Deliverab		a make "		Mcfd @ 14.65 ps		lodos si	
		-	on benair or the			- 41	Bth	1	lay	rt and that he h		20 <u>15                                    </u>	
	-	Witness	(if any)			-	'É	m,	NG. Fort	Company			
		Enr Com	mission	-	<del></del>	_				rkad by			

	rry under the laws of the state of Kansas that I 3-304 on behalf of the operator Oil Producers, In	
	ormation and statements contained on this app	
•	and belief based upon available production sum	
of equipment installation and/or upor	n type of completion or upon use being made of t	he gas well herein named.
I hereby request a one-year exer	mption from open flow testing for the Satterfield	l #2-13
gas well on the grounds that said we	eli:	KCC WICE  JUN 02 201  RECEIVEL
		WIC WIC
(Check one)		JUN 02 20
is a coalbed meth	•	RECEIL
is cycled on plun	ger lift due to water	SEIVEL
<del></del>	tural gas for injection into an oil reservoir underç	jonig Et i
is on vacuum at the	the present time; KCC approval Docket No	
is not capable of	producing at a daily rate in excess of 250 mcf/I	)
I further soree to supply to the h	best of my ability any and all supporting docume	ents deemed by Commission
staff as necessary to corroborate thi	, , , , , , , , , , , , , , , , , , , ,	inis decined by Commission
sian as necessary to comoborate thi	is dain for exemption from testing.	
CHOME		
Date: 5/18/15		
	2.4	2
	Signature 7/1 (=	A
	Signature:	

## 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.