KANSAS CORPORATION COMMISSION AUG 3 0 2012 ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Rev	verse Side)	r	ICC WICH	ITA	
Open Flow											HA		
Deliverabilty			Test Date 07/11/12		API No. 15 15-007-22481				∩n <u>-</u> ∩1				
Company			<u> </u>		0//11/1/	<u></u>	Lease	-	13-			Vell Number	
,		PER	ATING CO	MPANY, LLC			SPRIGO	SS A			3	ven inditiber	
County BARBER			Location W2 E2 W2		Section 32				RNG (E/W) 13W		4	Acres Attributed	
Field AETNA				Reservoir MISSISSIPPIAN				Gas Gathering (ection			
Completion Date 9/22/99		9			Plug Back Total Depth 5367		h	Packer Set at NONE		Set at			
Casing Size 4.500			Weight 10.50		Internal Diameter 4.052		Set at 5426		Perforations 4073		то 4912		
Tubing Size 2.375			Weight 4.70	1	Internal Diameter 1.995		Set at 4987		Perforations OPEN		То		
Type Completion (De SINGLE		escribe)		Type Fluid Production WATER				Pump Ur	nit or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus ANNULUS			nulus / Tubing)	% Carbon Dioxid		de	% Nitrog		en	Gas Gravity - G		
Vertical C		i)				Pres	sure Taps				(Meter F	tun) (Prover) Size	
4900							**				· · · · · · · · · · · · · · · · · · ·		
Pressure	Buildu	p: :	Shut in	12	0 <u>12</u> at		(AM) (PM)	Taken_07	7/12	20	12 at	(AM) (PM)	
Well on L	.ine:	;	Started	2	0 at	<u> </u>	(AM) (PM)	Taken		20	at	(AM) (PM)	
				-		OBSERVE	D SURFACE	E DATA			Duration of Shut-i	n Hours	
Static / Dynamic	Orific Size	e	Circle one: Meter Prover Pressu	Pressure Differential re in	Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P _w) or (P	Pressure	Wellhe	Tubing ad Pressure r (P ₁) or (P ₆)	Duration (Hours)	Liquid Produced (Barrels)	
Property Shut-In	(inche	98)	psig (Pm)	Inches H ₂ 0			psig 38	psia	psig 48	psia	24		
Flow				-			24		-		24		
	<u> </u>			_	L	FLOW STR	EAM ATTR	IBUTES	l		l	L	
Plate	,		Circle one:	Press			Flowing					Flowing	
Coeffiecient			Meter or	Extension	Grav Fac	· 1 7	Temperature		iation (Metered Flor	w GOR (Cubic Fee	Elisa	
		Pro	ver Pressure psia	√ P _m xh	F,	-	Factor F ₁₁		pv .	(Mcfd)	Barrel)	Gravity	
MCIG			paid									G _m	
								<u> </u>					
			45.10		•	OW) (DELIV		-				= 0.207	
(P _e) ² =	I	<u>-:-</u>	(P _w) ² =	Choose formula 1 or 2	P _a =		1	P _c - 14.4) +		;	(P _s) ²	<u> </u>	
(P _c) ² - (I	P_)2	(F)2- (P _w)2	1. P ₂ - P ₄	LOG of			ssure Curve se = "n"	l l			Open Flow	
or	,			2. P2-P2	formula 1. or 2.			or	n x	LOG	Antilog	Deliverability Equals R x Antilog	
(P _e) (ا ، ا			divided by: P _c ² - P _w	and divide by:	P.2-P.2		signed ard Slope		[]		(Mcfd)	
			-										
					- 		 		_			- 40	
Open Flo	w	•	l	Mcfd @ 14.	65 psia		<u>I</u> Deliverab	ility			Mcfd @ 14,43 (3)	\$ 3 SUL	
The	undersi	igned	d authority, or	n behalf of the	Company,	tates that h	e is duly au	thorized to	o make ti		ort and that he ha		
the facts s	stated ti	ner e i	n, and that sa	id report is thi	e and of rec	t. Executed	this the 20	<u> </u>	day of _A	UGUST		. 20 12	
)	V V 3.04	ಸ್ವರ್ಧನೆ ∂ Correspo	ndence			Wm	Do	M. 111			
					114046:0		-4	W. FFE	HT.	Yalka	Company		
			orlg / Com rests://www	γ <u>Ου</u>	erations		-				Chad by		

exempt so and that to correct to of equipm	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named. By request a one-year exemption from open flow testing for the SPRIGGS A-3
gas well o	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
	ner agree to supply to the best of my ability any and all supporting documents deemed by Commission ecessary to corroborate this claim for exemption from testing.
	Signature: Wm L Hallaug Title: FIELD MGR.

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.