KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:						(3	See Insti	ucti	ions on Re	verse Side)							
Open Flow					Toet I	Test Date: API No. 15													
Deliverabilty						9/28/10						15-007-22546-0000							
Company WOOLSEY OPERATING COMPANY, LLC											ease SPRIGGS					Well Number G-1			
County Location BARBER N/2 NE SW						Section 28	Section 28					RNG (E/W) 13W				Acres Attributed			
Field AETNA							Reservoir SNYDERVILLE				Gas Gathering Conf APC				ection	1			
Completion Date 11/27/02						_	Plug Back Total Depth 3810							Packer Set at NONE			•		
Casing Size Weight 4.500 10.50					Internal Diameter 4.052			Set 8 412		Perforations 3673				то 3679					
Tubing Size Weight 2.375 4.70						Internal Diameter 1.995				at 5	Perforations OPEN				То				
Type Completion (Describe) SINGLE						Type Fluid Production WATER				Pump Unit or Tro PUMPING			aveling	veling Plunger? Yes / No					
Producing		Ann	ulus / Tubir	ıg)		4	% C	arbon Di	ioxio	de		% Nitro	gen			Gas Gr	avity - C	B ₀	
Vertical Depth(H) 3676							Pressure Taps					(Meter Run) (Prover) Size							
Pressure	Buildup:	: 5	Shut in 9/2	27/1	10 20) a	t			(AM) (PM)	Taken 9/	28/10		20		at	(AM) (PM)	
Well on Line: Started 20) a	t		_	(AM) (PM)	Taken	20		at		((AM) (PM)			
								OBSER	ΝE	D SURFAC			•		Dura	ation of Shut-	in	Hours	
Static / Dynamic Property	mic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t		Well Head Temperature t		$(P_{\pi}) \propto (P_{t}) \propto (P_{q})$		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _a)		P _e)	Duration (Hours)		Liquid Produced (Barrels)		
Shut-In			poig (i iii)		2					psig 52	psia	62	psla 2		24	24			
Flow																			
····				_		_		FLOW S	STR	EAM ATTR	IBUTES		,						
Plate Coeffiec (F _b) (F Mcfd	ient _p)	Circle one: Meter or Prover Pressure psia			Press Extension		Gravity Factor F _s		Т	Temperature Fe		riation Metered Flo actor R = (Mcfd)		R	ow GOR (Cubic Fe Barrel)			Flowing Fluid Gravity G _m	
											į	<u> </u>					<u> </u>		
P _e)² =			(P _w) ² :	-		•		OW) (DE		ERABILITY % (9) CALCUL 2 - 14.4) +					(P _a) (P _a)	² = 0.2	07	
(P _o) ² - (I or (P _o) ² - (I	•	(P _c) ² - (P _w) ²			ose formula 1 or 2: 1. P ₀ ² - P ₂ ² 2. P ₂ ² - P ₂ ²	P _d =			7	Backpre Slo	n x 100		<u>-</u> `		Antilog	Open Flow Deliverability Equals R x Antilog			
	۵/-			divid	ted by: Pc2-Pg2	and o		P _c ² · P _c ³	<u></u>		signed lard Slope	_	L					(Mcfd)	
										1									
Open Flo	w				Mcfd @ 14.0	65 psia				Deliverat	oility				Mcfd	© 14.65 ps	ia		
The	undersia	ined	l authority.	on b	ehalf of the	Compa	nv. s	tates tha	at h	e is dulv a	uthorized t	to make	the abov	e repo	rt an	d that he ha	s know	ledge of	
	_		•		report is true		-			-			Novemb	À				20 10	
_		_		_								_ `	ے د	7	. L	M 20-	=)	RECEIVED	
			Witness	(if an	у)				_					Fore	compa	ny >)	DEC_2.2 20	
			For Com	miesis	on .				_	-				Che	cketb			_	
																	K	CC WICH	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the SPRIGGS G-1
gas well 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. is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. Date: 11/30/10
Signature: 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.