KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(5	See Instruc	tions on Reve	erse Side)					
Op	en Flo	W				Test Date				A OI	No. 15				
De	liverab	ilty				07/09/13					190. 15 007-22311-0	00-00			
Company WOOLSEY OPERATING COMPANY, LLC						Lease ELLIS				G-			Well Number 3-1		
County BARBER			Locat C SW	ion	Section 26		TWP 33S			RNG (E/W) 14W			Acres Attributed		
Field AETNA						Reservoir MISSISS				Gas Gat APC	hering Conn	ection			
Completion Date 5/17/90		6				Plug Back 4938	Total Dep	th		Packer Set at NONE					
Casing Size 4.500			Weigt 10.50		Internal Diam 4.052			ameter Set at 4998		Perforations 4801		τ₀ 4904	то 4904		
Tubing Size 2.375			Weigh 4.70	nt	Internal Dian 1.995			ameter Set at 4923		Perforations OPEN		То			
Type Cor	npletio	n (De					d Productio		1		nit or Traveling	Plunger? Yes	i / No		
SINGLE	<u> </u>	•				WATER				PUMP					
Producing ANNUL	_	(Anr	rulus / Tubin	g)		% C	arbon Diox	ide		% Nitrog	en	Gas (aravity -	G,	
Vertical E	Depth(F	i)					Pres	sure Taps				(Mete	r Run) (F	Prover) Size	
Pressure	Buildu	p:	Shut in 07/	09	_ 20	13 at		(AM) (PM)	Taken 07	7/10	20	13 at		(AM) (PM)	
Well on L	.ine:		Started		_ 20) at		(AM) (PM)	Taken		20	at		(AM) (PM)	
							OBSERVE	D SURFACE	DATA			Duration of Shu	ıt-in	Hours	
Static / Dynamic Property	Orifi Siz (inch	ө	Circle one: Meter Prover Press	Pressu Differen ure in	1 10 I	Flowing Temperature t	Well Head Temperature t	Casir Wellhead F (P _w) or (P _t	Pressure	Wellhe	Fubing ad Pressure r (P _t) or (P _c)	Duration (Hours)		uld Produced (Barrels)	
Shut-in	(MICH		psig (Pm)	Inches I	1 ₂ 0	•		psig 44	psia	psig 20	psia	24			
Flow					\dashv							1			
							FLOW ST	REAM ATTRI	BUTES						
Plate Coeffied (F _b) (F Mofe	eient p)	Pro	Circle one: Meter or over Pressure psia	Press Extensl	on	Grav Fact F ₂	or	Flowing Temperature Factor F ₁₁	Fa	iation ctor	Metered Flor R (Mcfd)	w GOI (Cubic I Barre	feet/	Flowing Fluid Gravity G _m	
<u> </u>]	
(P _c) ² =	<u> </u>	_:	(P _w)² =		:	(OPEN FLO		/ERABILITY) % (P	CALCUL - 14.4) +		:		$(a)^2 = 0.3$ $(a)^2 = 0.3$	207	
(P _c) ² - (or (P _c) ² - ((F)°c)²- (Pw)²	1. P _c ² - P 2. P _c ² - P	2 2 d	LOG of formula 1. or 2. and divide by:	P.2-P.2	Slope Assi	sure Curve e = "n" origned rd Slope	n x	LOG	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)	
			:		` w										
0=== 51=	l			N-11 &	44.0	NE mais		Deline as to 12	15A			Maria A 44 05 -			
Open Flo				Mcfd @				Deliverabi	-			Mcfd @ 14.65 p			
		•	•			, ,		he is duly aut this the <u>17</u>			e above repo	ort and that he l		vledge of 20 <u>13 </u>	
			.,	 	20	2311001						γ	<u> </u>	_ - •	
			Witness	if any)			KCC	MiCri	1//	n K	(/by) For	Company Company	<u>_</u>		
			For Com	nission				; 3 1 20T				cked by			

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exempt and tha	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC at the foregoing pressure information and statements contained on this application form are true and
of equip	to the best of my knowledge and belief based upon available production summaries and lease records oment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for theELLIS G-1
	ll on the grounds that said well:
staff as	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 rther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
	Signature: Walkery 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.

