KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruc	tions on Rev	erse Side)					
Op	en Flo	w			Test Date				ΛĐΙ	No. 15				
Deliverabilty			9/26/14					007-21260-0	0000					
Company WOOLSEY OPERATING COMPANY, LLC					Lease GRA			se AVES				Well Number A-2		
County BARBER S			Locati SW, SE	-	Section 33		TWP 34S		RNG (E/W) 12W		Acres Attributed		Attributed	
Field HARDTI	NER			-	Reservoir MISSIS					hering Conn KFIELD SE				
Completion 10/9/81	on Dat	е		-	Plug Bac 4795	k Total Dep	th		Packer 8 NONE	Set at				
Casing Size 4.500		Weight 10.50		Internal Diameter 4.052		Set at 4813		Perforations 4709		то 4779				
Tubing Size 2.375			Weigh 4.70	·	Internal Diam 1.995		Set at		Perforations OPEN		То			
Type Cor SINGLE	•	n (De	escribe)			d Production	n		Pump Ui PUMP	nit or Traveling ING	Plunger? Yes	/ No		
Producing	_	(Anı	nulus / Tubing)	% C	arbon Dioxi	ide		% Nitrog	en	Gas Gra	avity - (€	
Vertical E		I)				Pres	sure Taps				(Meter F	Run) (P	rover) Size	
Pressure	Buildu	p:	9/2	5/14 2	0 at		(AM) (PM)	Taken_9/	26/14	20	at	((AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	((AM) (PM)	
					-	OBSERVE	D SURFACE	DATA	<u> </u>		Duration of Shut-	in	Hours	
Static / Dynamic Property	Orifi Size (inche	е	Circle ana: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casi Wellhead I (P _w) or (P _t	Pressure	Wellhe	Fubing ad Pressure r (P ₁) or (P _c) psia	Duration (Hours)	,	d Produced Barrels)	
Shut-In			Pag				50	psia	30	pola	24			
Flow														
			<u> </u>			FLOW STF	REAM ATTRI	BUTES					1	
Plate Coeffied (F _b) (F Moto	ient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fac F,	tor	Flowing Temperature Factor F _{tt}	Fa	ation ctor : pv	Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
(P _c) ² =			(P \2 -	:	(OPEN FL		/ERABILITY) % (P	CALCUL - 14.4) +			(P _a) [*]	² = 0.2	07	
(P _c) ² - (P _a) ²			Chaose formula 1 or 2	LOG of		Backpres	ssure Curve			(* d/	Oį	oen Flow iverability	
or (P _c) ² - (P _d) ²			2. P _c ² -P _d ² divided by: P _c ² -P _w	formula 1, or 2, and divide 2 by:	P _c ² -P _w ²		or signed ard Stope	пх		Antilog	Equals	R x Antilog (Mcfd)	
						-							<u>-</u>	
							D-15				N-44 @ 44 C5	<u></u>		
Open Flo	w			Mcfd @ 14	.65 psia	<u> </u>	Deliverabi	шту			Mcfd @ 14.65 psi	a		
		•	•	n behalf of the aid report is tru				_		october	ort and that he ha		dedge of 20 <u>14 .</u> .	
			11B/	1	K	R KANSAS CORP	eceived ORATION COMM	AISSION L	mk	l Ha	llay	2		
			Witness (i	rany)					_	-or	Company			
			For Comm	isslan			3 1 2014	,		Che	cked by		-	

exempt status and that the f correct to the of equipment I hereby r	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. equest a one-year exemption from open flow testing for the GRAVES A-2 are grounds that said well:
I further a	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 agree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
Date: _10/27/	14
	Signature: Win Low

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.