KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Rev	verse Side)					
= '	en Flor liverab				Test Date 1/15/13) :				No. 15 107-21002-0	0-00			
Company WOOLS		PER	ATING CO	MPANY, LLC	:		Lease RUSK I	F			1	Well Nu	mber	
County BARBER			Locati C S2 S		Section 31			TWP 31S		W)	Acres Attributed		Attributed	
Field SCHUE	TTE				Reservoir MISSIS	SIPPIAN				ering Conne				
Completic 10/13/80		ө			Plug Bac 4985	k Total Dep	th		Packer S NONE	et at				
Casing Size 4.500			Weigh 10.50		Internal D 4.052		Diameter Set a 4999		Perforations 4958		то 4968			
Tubing Size 2.375			Weigh 4.70	nt	Internal D 1.995		Diameter Set a		Perforations OPEN		То			
Type Completion (SINGLE			escribe)	·	Type Flui WATE	d Productio R	n	Pump Unit or Traveling PUMPING			Plunger? Yes / No			
Producing		(Ani	nulus / Tubin	g)	% C	arbon Diox	ide		% Nitroge	en	Gas Gi	ravity - (3,	
Vertical D	epth(H	()				Pres	sure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildu	p:	Shut in 1/1	5/13 a	0 at		(AM) (PM)	Taken_1/	16/13	20	at		(AM) (PM)	
Well on L	Well on Line:		Started 20		0 at	at) Taken		20	20 at		(AM) (PM)	
			-			OBSERVE	D SURFACI	E DATA			Duration of Shut-	-in	Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Press psig (Pm)	Pressure Differential In Inches H ₂ 0	Flowing Well Ho		Wellhead Preceure		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							170		0	polic	24		•	
Flow				. 			<u> </u>		:					
						FLOW ST	REAM ATTR	IBUTES			- 			
Plate Coeffiecient (F _b) (F _p) Mcfd		Cirde one: Meter or Prover Pressure psla		Press Extension √ P _m xh	Grav Fac F	tor	Flowing Deviation Femperature Factor Factor F _{pv}		ctor	Metered Flov R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
				<u> </u>	(OBEN EL	OW/ (DELIN	/EDADII ITV) CALCUI	ATIONS					
(P _c) ² =		<u>_:</u>	(P _w) ² =	<u> </u>	P _d =		/ERABILITY % (F) CALCUL 2 - 14.4) +		<u>-</u> -:	(P _a) (P _d)) ² = 0.2) ² =	207 	
(P _c) ² - (I		(F	P _o) ² - (P _w) ²	1. P _c ² - P _e ² 2. P _c ² - P _e ² divided by: P _c ² - P _w	LOG of formuta 1. or 2. and divide	P _c ² - P _w ²	Šloj As	ssure Curve pe = "n" - or signed ard Slope	nxl	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
					_		-		 -			-		
Open Flo	w			Mcfd @ 14	.65 psia		Deliverab	oility		<u></u>	Mcfd @ 14.65 ps	J		
		_	•	n behalf of the						e above repo ECEMBER	rt and that he h		/ledge of	
									Im A	4 .	Daniel .)		
			Witness			C MIC				For 0	ompany			
			For Com	nission	DE	C 31	2013			Chec	cked by			

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	clare 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
and that correct to of equips	the foregoing pressure information and statements contained on this application form are true and to 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. The reby request a one-year exemption from open flow testing for the RUSK F-1
	on the grounds that said well:
	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 ther 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: Whe Hallands 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.