KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instructi	ions on Rev	erse Side) 1=	F007	-21002	$-\alpha$	
Open Flow				Test Date:				iS	, 60 /	21000	, a.c.	
Delive	erabilty			11/24/10								
Company VOOLSEY	OPEF	RATING CO	MPANY, LLC			Lease RUSK				F-1	Vell Number	
County Location BARBER 660 FSL & 1320 FWL			Section TWP 31 31S			RNG (E/W) 15W			Acres Attributed			
Field PERRY RANCH				Reservoir MISSISSIPPI			-	Gas Gathering Connection ONEOK FIELD SERVICES				
Completion Date 10/13/80				Plug Back Total Depth 4985				Packer Se NONE	et at			
Casing Size Weight 4.500 10.50			Internal D 4.052	Diameter	Set at 4999		Perforations 4958		то 4968			
Tubing Size Weight 2.375 4.70				Internal Diameter Set 1.995 494			-	Perfora		То		
Type Completion (Describe) SINGLE				Type Fluid Production WATER				Pump Unit or Traveling Plunger? Yes / No PUMPING				
Producing TI	•	nulus / Tubin	g)	% C	Carbon Dioxid	de	·	% Nitroge	n	Gas Gra	vity - G _g	
/ertical Depi					Press	sure Taps	,		-	(Meter R	lun) (Prover) Size	
Pressure Bu	ildup:	Shut in 11/	23/10 2	0 at		(AM) (PM)	Taken 11	/24/10	20	at	(AM) (PM)	
			at (AM) (PM) Take			Taken	20 at			(AM) (PM)		
		·•··			OBSERVE	D SURFACE	DATA	r-		Duration of Shut-i	nHours	
Static / Orifice Dynamic Size Property (Inches)		Circle one: Meter Prover Pressi	Pressure Differential ure in	Flowing Temperature t	Well Head Temperature	Wellhead i	Casing 'ellhead Pressure '_,) ∝ (P₁) ∝ (P₂)		bing d Pressure (P,) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Pm)	Inches H ₂ 0	•	1	psig 160	psla	psig psla		24		
Flow						100				<u> </u>		
,			,		FLOW STR	EAM ATTRI	BUTES			, <u>, , , , , , , , , , , , , , ,</u>		
Plate Coefficient (F _p) (F _p) Mcfd		Circle one: Meter or over Pressure psla	Press Extension ✓ P _m xh	Grav Fac F	tor T	Tomonorodiuso		lation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
P _o)² =	:	(P _w) ² =	::	(OPEN FL	OW) (DELIV 	•	CALCUL 'a - 14.4) +		:	(P _a) ² (P _d) ²	= 0.207 =	
$(P_{g})^{2} - (P_{g})^{2}$ or $(P_{g})^{2} - (P_{d})^{2}$		(P _e) ² - (P _w) ² (P _e) ² - (P _w) ² 1. P _e ² - P _e ² 2. P _e ² - P _e ² divided by: P _e ² - P _e ²		LOG of formuta 1. or 2. and divide by:		Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			-									
Open Flow			Mcfd @ 14.	EE poio		Dollygash	llibe	<u> </u>		Maria @ 14.05 = :-		
·				•		Deliverabi				Mcfd @ 14.65 psia		
	_	_	n behalf of the			•			above repo	rt and that he has	s knowledge of	
		Witness (If any)			-		ب م	For C	отрапу	DFC :	
		For Comm	nission			_		 -	Chec	ked by		
e facts state	ed there	Witness (If any)	and correc	et. Executed	this the 23		day of DE	ل For C		20 	

exempt status und and that the foreo correct to the bes of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the RUSK F-1
	ounds 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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 12/23/10	
	Signature:CQQws

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.