KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instru	uctions on Re	everse Sid	e)					
□ Ор	en Flov	٧			Test Date				ADI	No. 16				
Deliverabilty				10/27/11				API No. 15 15- 007-20702-0000 - 077-20792-00-0						
Company		PER	ATING COM	PANY, LLC			Lease GAMM	IILL			#1	Well Num		
County Location HARPER C NW NW			Section TWP 27 32 S			/	RNG (E/ 8W	W)	Acres Attributed					
Field SULLIVAN EAST				Reservoir STALNAKER				Gas Gathering Connection APC-VVEST WICHTA GAS						
Completion Date 4/17/82				Plug Back Total Depth 3700			Packer Set at NONE		CATHE	GATHERING				
Casing S 4.500	ize		Weight 10.50		Internal Diameter 4.052			Set at 3935		rations 7	то 3662			
Tubing Si 2.375	Tubing Size 2.375		Weight 4.70		Internal D	Diameter	ameter Set at 3692		Perforations OPEN		То		,	
				Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING							
Producing Thru (Annulus / Tubing)					% Carbon Dioxide				en	Gas G	Gas Gravity - G			
ANNUL Vertical C)				Pr	essure Taps		,		(Meter	Run) (Pro	ver) Size	
3650			10/26	S/11				1	0/27/11					
								(AM) (PM) Taken <u>1(</u> (AM) (PM) Taken <u></u>						
								•						
Static / Orifice		:е	Circle one:	Pressure	Flowing	Well Hea	erature (P) or (P) or (P)		Tubing Wellhead Pressure (P _w) or (P _c) psig psia				in Hours Liquid Produced (Barrels)	
Dynamic Property	Dynamic Size		Meter Prover Pressure psig (Pm)	Differential in Inches H ₂ 0	Temperature t	Temperatu t					Duration (Hours)			
Shut-In	i-in		-	-			60	para	80	рыц	24			
Flow														
	····				-	FLOW S	TREAM ATT	RIBUTES	·····			·	 1	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Grav Extension Fact √ P _m × h F _q		tor Temperature		F	Deviation Metered t Factor R F _{pv} (Mcfd		w GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
(P _c) ² =		:	(P _w) ² =	:	(OPEN FL		.IVERABILIT %	Y) CALCU (P _c - 14.4) -		:	_	$()^2 = 0.207$ $()^2 = $	7	
(P _c) ² - (P _a) ²				2, P _c ² -P _d ²	LOG of formula 1. or 2.		Backpressure Curv Slope = "n"		, LY LOG		Antilog	Open Flow Deliverability Equals R x Antilog		
(, c) - ()	' d,'			ided by: $P_c^2 - P_w^2$	and divide by:	P _c ² - P _w ²		idard Slope				(N	(lcfd)	
Open Flo	w			Mcfd @ 14.6	65 psia		Delivera	bility			Mcfd @ 14.65 p	sia		
		-	•		• •		-			•	ort and that he h	as knowle	dge of	
the facts s	stated th	nerei	in, and that said	report is true	and correc	t. Execut	ted this the _			ECEMBER	100 1	RÉ	SEIVED	
· · · · ·			Witness (il ar	y)			_	7	Um,		Company	DEC	3 0 201	
			For Commiss	ion			-	-		Che	cked by	KCC I	 NICHIT	

I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
	ler 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
correct to the best	of my knowledge and belief based upon available production summaries and lease records
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	est a one-year exemption from open flow testing for the GAMMILL #1
	ounds that said well:
(Check	is a coalbed methane producer
	is cycled on plunger lift due to water
片	is a source of natural gas for injection into an oil reservoir undergoing ER
H	is on vacuum at the present time; KCC approval Docket No
片	is not capable of producing at a daily rate in excess of 250 mcf/D
V	To hot dapaste of producing at a daily fate in excess of 250 mons
_	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
	
	Signature: Won L. Sullager
	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.