KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Rev	erse Side)					
Op	en Flow	!			Test Date				A D1	No. 15				
De	liverabil	ty			6/30/11	5.				190. 15 207-01739-(0001			
Company		ERAT	ING COM	//PANY, LLC		·	Lease STERNE	ERGEF	₹		A-		lumber	
			Location E/2 SE		Section 8			TWP 35S		RNG (E/W) 13W		Acres Attributed		
					Reservoir MISSISSIPPI			Gas Gathering Connection APC						
Completion Date 9/2/04				Plug Bac 5607	Plug Back Total Depth 5607			Packer Set at NONE						
Casing S 4.500	lize		Weight 10.50		Internal D 4.052	Internal Diameter 4.052		Set at 4662		Perforations 4892		то 4940		
Tubing Si 2.375	ize		Weight 4.70		Internal D 1.995	Internal Diameter 1.995		Set at 4989		ations	То			
Type Completion (Describe) SINGLE				,,	Type Fluid Production OIL, WATER			Pump Unit or Traveling Plunger PUMPING			Yes / No			
Producing	•	Annulu	s / Tubing)	% C	arbon Dioxi	de		% Nitrog	en	Ga	s Gravity -	G,	
Vertical D				 -		Proc	sure Taps				/3.4/	otor Run\ (I	Prover) Size	
4916	zepui(i i)					ries	suio iaps				(1VII	eter muli) (r	-iover) Size	
Pressure	Buildup	: Shu	t in _6/29)/11 2	0 at		(AM) (PM)	Taken_6/	30/11	20	at		(AM) (PM)	
Well on L	.ine:	Star	ted	2	0 at		(AM) (PM)							
					•	OBSERVE	D SURFACE	DATA			Duration of 8	Shut-in	Hours	
Static / Dynamic Property	Dynamic Size Property (inches)		Circle one: Meter ver Pressui		Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	1	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 100	psia	psig 310	psia	24			
Flow									-					
				_ 		FLOW STR	EAM ATTRI	BUTES	·			. I		
Plate Coeffiec (F _b) (F Mcfd	ient	Met Prover l	e one: er or Pressure sia	Press Extension √ P _m x h	Grav Fact F _c	tor 1	Flowing Femperature Factor F ₁₁	Fa	iation ctor : pv	Metered Flov R (Mcfd)	(Cut	SOR oic Feet/ arrel)	Flowing Fluid Gravity G _m	
L						<u> </u>								
(P _c) ² =		:	(P _w) ² =_	:	(OPEN FLO		ERABILITY) % (P_	CALCUL - 14.4) +		:		$(P_a)^2 = 0.$ $(P_d)^2 = $	207	
(P _e) ² - (I	P_)2	(P _c) ² -	(P _w) ²	1. P _c ² -P _s ² 2. P _c ² -P _s ² (ivided by: P _c ² -P _s ²	LOG of formula 1, or 2, and divide	P.2. P.2	Backpress Stope	sure Curve = "n" or gned rd Slope	n x l	.og []	Antilog	De	Open Flow eliverability Is R x Antilog (Mcfd)	
					 		ļ							
Open Flo	w	-	<u>l</u> _	Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.6	5 psia		
The	undersig	ined au	ithority, on	behalf of the	Company, s	itates that h	e is duly aut	horized t	o make th			•	wledge of	
				id report is true						OVEMBER	-		, 20 11 .	
			Witness (if	any)				W	n L	Juli	Jack	RE	CEIVED	
			For Commi	ssion	_					Cher	cked by	DE(: 3 0 20 1	

	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							
correct to the best	t of my knowledge and belief based upon available production summaries and lease records							
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the STERNBERGER A-2								
	ounds that said well:							
(Check	nnal							
	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							
Ħ								
Π	is on vacuum at the present time; KCC approval Docket No.							
$\overline{\checkmark}$	is not capable of producing at a daily rate in excess of 250 mcf/D							
	e 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: 11/13/11								
	Signature: Won & Solland							

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.