## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(	See Instruc	tions on Rev	verse Side	<del>)</del> )					
Op	en Flo	w			Took Date				4 50					
Deliverabilty				Test Date: April 29, 2009			API No. 15 077-21474-00-00							
Company M E Klei		SSO	siates, Inc.				Lease Carothe	rs			•	Well No		
County Harper Location Reade C S/2 S/2 SW/4			Section 20				RNG (E	Acres Attributed						
Field					Reservoir			Gas Gat	ection					
<del></del>					Mississippi Chert Plug Back Total Depth			Atlas Packer Set at						
5/03/04					4,601'/									
Casing Size         Weight           4 1/2"         10.5#			Internal 0 3.995"	Internal Diameter Set at 3.995" 4,60°			Perfo	То 7'						
Tubing Size Welght 2 3/8" 4.7#/ft			Internal D 1.995"	Internal Diameter Set 1.995" 4,5			Perforations			То				
Type Con Cased 1					Type Flui Oil/Wa	d Production ter	<u> </u>	•		nit or Traveling	Plunger? Yes	s / No		
Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide				% Nitrogen Gas Gravity - G					
Annulus Vertical D		4)				Pres	sure Taps				(Mata	Pun\ /E	Prover) Size	
vortioa: E	- Op(.	•,				1103	овго таро				(Midla	nui) (r	TOVER) SIZE	
Pressure	Buildu	p:	Shut in Ap	r 29 <sub>2</sub>	0 09 at 7	:00 AM	(AM) (PM)	Taken_A	or 30	20	09 <sub>at</sub> 7:00	AM	(AM) (PM)	
Well on L	.lne:		Started	2	0 at		(AM) (PM)	Taken	_	20	at		(AM) (PM)	
						OBSERVE	D SURFACE	E DATA			Duration of Shu	<sub>it-ln</sub> _24	Hours	
Static /	Dynamic Size		Circle one: Meter	Pressure Differential	Flowing	Well Head	wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>s</sub> )		Duration	Liqu	Liquid Produced (Barrels)	
Dynamic Property			Prover Pressu psig (Pm)	1	Temperature t	Temperature t					(Hours)			
Shut-In			P - 0 ( )				330	95la 344	psig 0	psla O	24	1		
Flow					•									
						FLOW STR	EAM ATTR	IBUTES					<u>.</u>	
Plate Coefflecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension	xtension Fact		Flowing Deviate Temperature Factor Factor F <sub>st</sub>		ctor	Metered Flow Fl (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>e</sub> )² =		_:	(P <sub>w</sub> )² =	::	(OPEN FL	• •	'ERABILITY' % (F	) CALCUL <sup>)</sup> <sub>a</sub> - 14.4) +		:		) <sup>2</sup> = 0.2 <sub>d</sub> ) <sup>2</sup> =	207	
$(P_c)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P <sub>c</sub> )²- (P <sub>w</sub> )²		2. P2-P2  divided by: P2-P2	LOG of formula 1. or 2. and divide	P. 2 - P. 3	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
												REC	EIVED	
								<u>_</u>				GED.	<del>2 5 2011</del>	
Open Fio	w			Mcfd @ 14.	65 psia		Deliverab	llity			Mcfd @ 14.65 p	sla		
				n behalf of the							t and that h			
he facts s	tated t	herei	in, and that s	aid report is true	and correc	t. Executed	this the	18	day of _F	obruary -		<del></del> '	20 11 .	
			Witness (	if any)	****		_		aple	Vler	n n n n n n n n n n n n n n n n n n n			
			**************************************							Farci	residents.			
			For Comm	nission		-	_			Chac	ked by			

under Rule K.A.R. 8 pregoing pressure in pest of my knowledg nstallation and/or up equest a one-year ex	32-3-304 on behalf of the operator MEKLEIN & ASSO information and statements contained on this applicate ge and belief based upon available production summar pon type of completion or upon use being made of the generator from open flow testing for the Carothers #1-	tion form are true and ries and lease records as well herein named.
e grounds that said	weii:	
is cycled on pla is a source of r is on vacuum a is not capable	lunger lift due to water natural gas for injection into an oil reservoir undergoing at the present time; KCC approval Docket No of producing at a daily rate in excess of 250 mcf/D	<u> </u>
2/18/11		
	Signature: May Lein	RECEIVED
	regoing pressure in est of my knowledgest and and/or up quest a one-year end grounds that said eck one)  is a coalbed make is a coalbed make is a source of its is not capable gree to supply to the sary to corroborate	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 is on vacuum at the present time; KCC approval Docket No

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 shalf 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.