KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

		ONE				ORATIO			CDADILIT	KANSAS CORPORA TEST CONSERV.	elved TION CO.	Form G-2 (Rev. 7/03	
ONE POINT STABILIZED OPEN FLOW OR DEI Type Test: (See Instructions on Reverse Side) Open Flow Deliverability Test Date: 0.17, 2014) API	No. 15	WICHITA DI	2014 1810a	^{MISSI} ON		
Company				9-17-20)14	Lease		03	3-21146-0		Well Nu	mber	
ARES Energy, Ltd., 405 N. Marienfeld, Suite 250,					79701		Moffett			23-10	23-10		
County Coman	ounty Location comanche NWSE			Section 23		TWP 33S		RNG (E 19W	(W)		Acres A 160	ttributed	
Field Colter I	Vorthw	est		Reservoi Missis	r sippian			Gas Gat	hering Conn	ection		-	
Completi	on Date			Plug Bac	k Total Dep	oth		Packer 5	Set at				
2-13-2004 Casing Size Weight		ht	5,470¹	Diameter	Set at		None Perforations		То				
5-1/2"		15.5		4.95"		5,514'		5,278'		5,324' OA			
Tubing Si 2.375"			ht	Internal Diameter 1.995"		Set at 5,241'		Perforations		То			
Type Completion (Describe) Pumping				Type Fluid Production Water					nit or Traveling	Plunger? Yes / No			
Producing Thru (Annulus / Tubing)			g)	% Carbon Dioxide				% Nitrogen		Gas Gr	Gas Gravity - G		
Annulus Vertical D		·			Pres	ssure Taps				(Meter i	Run) (Pr	over) Size	
		Shut in 9-1	6	0 14 at 1	1:41 AM		9	17		14 at 12:00 F	PM		
Pressure Well on L	•	Shut in Started 9-1	7 2	0 at 0 at	MG nn·c					at	•	AM) (PM) AM) (PM)	
					OBSERVE	ED SURFAC	E DATA			Duration of Shut-	n 24	Hours	
Static / Dynamic Property	Dynamic Size		Pressure Differential in Inches H,0	Flowing Well Her Temperature Temperat		Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _o) psig psia		Duration (Hours)	Liquid	iquid Produced (Barrels)	
Shut-In		' psig (Pm)			-	265	279.65	psig	psla		ı		
F!ow													
				 -	FLOW ST	REAM ATTE	RIBUTES			· ·			
Plate Coeffied (F _b) (F Mofd	ient ,)	Circle one: Meter or Prover Pressure psla	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{fl}		ation etor	Metered Flow R (Mcfd)	V GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
			<u> </u>	(OPEN FL	 OW) (DELI\	/ERABILITY) CALCUL	ATIONS			= 0.20		
(P _c) ² =		: (P _w)² =		Pd=		% (I	P _e - 14.4) +	14.4 =	 _:	(P _a)			
$(P_c)^2 - (P_n)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _c ² divided by: P _c ² - P _a ²	1. P ² -P ² LOG of formula 2. P ² -P ² 1. or 2. and divide		Backpressure Curve Slope = "n" or Assigned Standard Slope		πx	og []	Antilog	Deli Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				-			<u>.</u>						
Open Flow Mcfd @ 14.65 psia						Deliverat	liverability Mcfd @ 14.65 psla						
	_	·-		Company, s		ne is duly a	uthorized to		е авоче геро	rt and that he ha	s knowl	edge of 20 <u>14</u> .	
		Witness (if any)	 .		-			For C	Company			
		For Comm	nission			_			Chec	ked by			

l de	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to reques								
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator ARES Energy, Ltd.									
	t the foregoing pressure information and statements contained on this application form are true and								
orrect	to the best 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.									
l he	reby request a one-year exemption from open flow testing for the Moffett 23-10								
jas wel	I on the grounds that said well:								
	(Check one)								
	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								
I fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commiss								
taff as	necessary to corroborate this claim for exemption from testing.								
oate: N	lovember 10, 2014								
	Signature: Michelle Brockman								
	· · · · · · · · · · · · · · · · · · ·								
	Title: Michelle Brockman, Engineering Tech								

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.