KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY OF EST

•										KANO	n. Ros.	Form G- (Rov. 7/0
			ONE F	K. POINT ST	ANSAS	CORPO	DRATIO	N COM	MISSI	ON BARILITÀ	AS CORPORATION CO	MMISSION
Type Test:	:		OIIL I		ADILIAL (S	See Instruct	ions on Re	verse Side)		COA	201	14
	en Flow	ı						·		- 0,46	SERVATION DIVISION WICHITA, KS	,
	iverabil				Test Date					No. 15	WICHITA, KS	W
					9-26-20	14				-20984-00		
		d., 40		d, Suite 250, M		9701	Lease Willem	s	2.		3-11	Well Number
County	che		Location NWNES		Section 3		TWP 33S		RNG (EA	V)		Acres Attributed 160
Field					Reservoir					ering Conne		100
Colter V	Vest				Mississ				ANR			
Completion Date 1-11-1999					Plug Back Total Dept 5,331'		h	Packer Si None		et at		
Casing Size 5-1/2"			Weight 15.5#		Internal Diameter 4.95"		Set at 5,398'		Perforations 5,238'		то 5,252' ОА	
Tubing Size 2,375"			Weight 4.70#		Internal Diameter 1.995"		Set at 5,313'		Perforations		То	
Type Com	•	(De				d Production & Oil			Pump Un	it or Traveling	Plunger? Yes	/ No
Producing	Thru		ulus / Tubing)	 _		arbon Dioxi	de		% Nitroge	en	Gas Gr	avity - G
Annulus Vertical D						Pres	sure Taps				(Meter F	Run) (Prover) Size
											· 	
Pressure	Buildup		hut in 9-25		0 14 at 12	2:15 PM	(AM) (PM)	Taken 9-2	26	20	14 at 12:30 F	PM (AM) (PM)
Well on L	ine:	S	19-26 tarted	2	14 at 12	1.20 DK/				20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	24 Hou
Shotia /	0::::		Circle one:	Pressure	Flowing	Well Head	Cas	sing		ubing		Ţ <u></u>
Static / Orifíce Dynamic Size		. 1	Meter Prover Pressur	Differential e in	Temperature Temperature		Wellhead Pressure (P _w) or (P _s) or (P _s)		Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Property	(inche	s) [psig (Pm)	Inches H ₂ 0	t	t	psig	psla	psig	psia		<u> </u>
Shut-In							185	199.65		1		
Flow							 -	-		 		
Piow	L			-l		ELOW STE	LREAM ATTR	DIDLITES				<u> </u>
		_				FLOW STE		IIBUTES				Flowing
Plate Coefficient			Circle one: Meter or	Press Extension	Grav	· .	Flowing Temperature		ation	Metered Flow	GOR (Cubic Fe	Fluid
1 10011101			over Pressure		Factor F _o		Factor F		uctor R F _{pv} (Mcfd)		Barrel)	1 STONING
Mcfd			psia	- m			F _H				- 	
	ŀ		\					<u> </u>				
					(OPEN FL	OW) (DELIV	/ERABILIT	/) CALCUL	ATIONS		(P _a))2 = 0.207
(P _c) ² =		_:	(P _w) ² ==_	:			% (P _c - 14.4) +	14.4 =	:	(P _d))2 =
	Ī			Choose formula 1 or 2	LOG of			essure Curve		Γηl		Open Flow
(P _c) ² - (P _a)*	(P	_c)²-(P _w)²	1. P _c ² -P _s ² 2. P _c ² -P _d ²	formula			ope = "n" or	אח '	LOG DOL	Antilog	Deliverability Equals R x Antilo
(P _c) ² - (P _d) ²				and divide	P _c ² -P _w ²		ssigned dard Slope		Lj		(Mcfd)
 				fivided by: Pc-Pw	- 0,.	<u> </u>						
					 		+		 		<u></u>	
Open Fig	l			 Mcfd @ 14			L Delivera	bility			Mcfd @ 14.65 ps	ia
		1_	Lauth :=25			ototoo that			o maka H	ne shove reno	ort and that he h	as knowledge of
				i benair of the								, 20 14
			Witness (if	any)						Fore	Company	
			For Comm	ission						Che	cked by	

	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator ARES Energy, Ltd.
	ne foregoing pressure information and statements contained on this application form are true and
correct to t	the best of my knowledge and belief based upon available production summaries and lease records
	ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the Willems 3-11
	n 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
1 furthe	er agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as ne	cessary to corroborate this claim for exemption from testing.
Date: Nov	ember 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 **1S** 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.