KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				((See Instruc	tions on Re	verse Side	a)						
✓ Open Flow Deliverabilty			Test Date	e: 11/0)7/2012	/2012 API No. 15 15-025-20051-000									
Company		lora	tion, Inc.			· · · · · · ·	Lease Shaw					1-10 W	Vell Numb	per	
County Location Clark 110' N C NW				Section 10		TWP RNG		RNG (E				Acres Attributed			
Field				Reservoi CHES	r TER LIMI	E	Gas Gathering C CLARCO			ection		F	RECEIVED DEC 0 6 2012		
Completic 1/17/20		е		·	Plug Bac 5530	Plug Back Total Depth 5530		h Packe NON		r Set at NE		DEC 06		EC 06	2012
Casing Size			Weigi 10.5	ht	Internal 4.090	Internal Diameter 4.090		Set at 5718		Perforations 5474		то 5484	KC(C WICH	HITA
Tubing Size 2.375			Weigi 4.7	ht	Internal Diameter		Set at 5460		Perforations			То			יי ור
Type Con						id Production		<u> </u>		nit or Traveling		Yes /	/ No		
	Thru		nulus / Tubir	ng)	· · · · · · · · · · · · · · · · · · ·	Carbon Dioxi	de		% Nitrog			Gas Gra .718	vity - G		
Vertical D 5479	epth(F	1)	-			Pres FLA	sure Taps NGE		•			(Meter R 2"	lun) (Prov	ver) Size	
Pressure	Buildu	p:	Shut in 11	/06	2012 atlC	00:00	(AM) (PM)	Taken 1	1/07	20	12 at]	LO:00	(AN	м) (РМ)	
Well on L	ine:		Started 11	<u>/07 </u>	2012 at C	0:00	(AM) (PM)	Taken		20	at _		(AM	VI) (PIVI)	
				. ,		OBSERVE	D SURFAC	E DATA			Duration (of Shut-li	n	Hours	
Static / Orifice Dynamic Size Property (inches		e	Circle one: Meter Prover Press psig (Pm)	1 ''	1 1	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellhe	Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-in			pag (i iii)	11101169 1120			psig psia 150		psig	psia .					
Flow															
						FLOW STE	EAM ATTR	IBUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Gra Fac F	. , .	Flowing emperature Factor F ₁₁ F ₁₁ Devia			or R		v GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m	
	ţ				(ODEN EI	O10 (DEL 1)	FDAD: IT		4710410						
(P _c) ² =		_:	(P,)2 =	=:	OPEN FL	.OW) (DELIV) CALCUL 2 - 14.4) +		:		(P _a)² (P _d)²	= 0.207 =	<i>'</i>	
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 1. P _c ² - P _s ² 2. P _c ² - P _d ² divided by: P _c ² - P _c	formula 1 or 2: P 2 P 2 LOG of formula P 2 P 2 1. or 2. and divide		Slo	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
	-														
Open Flo	w			Mcfd @ 14	.65 psia		Deliverab	ility			Mcfd @ 14	4.65 psia	<u> </u>		
		iane	d authority o	on behalf of the		states that h			o make th					dge of	
		•	•	aid report is tru	• •				day of	Decembe				12	
			Witness	(if any)			_	MIDCO	EXPL	ORATION,	INC.				
			For Com				نت				cked by				
			For Com	nispäilyi i						CREC	oran pa				

exempt and tha correct of equip	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO Exploration, Inc. It the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records oment installation and/or upon type of completion or upon use being made of the gas well herein named.
	ereby request a one-year exemption from open flow testing for the Shaw #1-10
gas wei	ll 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
l fui	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
Date:	12/03/2012
	Signature:
	Title: Vice-President

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.