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

type test:				(	See Instruc	tions on Rev	erse Side	<del>)</del> )			
	en Flow iverabilty			Test Date	: 11/0	09/2012			I No. 15 5-21311-0000		
Company MIDCO E	xplorat	ion, Inc.		·	***************************************	Lease Shaw				#2-4	Well Number
County Clark		Loca SE SV		Section 4		TWP 34S		RNG (E	/W)	<del></del>	Acres Attributed
Field Big Sand	Creek			Reservoir Chester					thering Connec	etion	RECEIVED
Completion 07/26/07	n Date			Plug Bac 5602	k Total Dep	th		Packer None	Set at		DEC 0 6 201
Casing Siz	ze	Weig 11.6	,	Internal E 4.000	Diameter	Set at <b>565</b> 0		Perfo	rations 5434-5456	То	KCC WICHIT
ubing Size Weight .375 4.7		Internal Diameter 1.995		Set at <b>5414</b>		Perforations		То			
Type Com Single		Describe)		Type Flui Water	d Productio				nit or Traveling F NG UNIT	Plunger? Yes	/ No
Producing Thru (Annulus / Tubing) Fubing		% C	% Carbon Dioxide			% Nitrogen 135			Gas Gravity - G <sub>g</sub>		
/ertical De 5 <mark>445</mark>	epth(H)				Pres	sure Taps				(Meter 2.067	Run) (Prover) Size
Pressure E	Buildup:		1/08							10:0	, ,,,
Well on Lir	ne:	Started $_{\perp}1$	1/09 2	0 12 at 10	:00	(AM) (PM)	Taken		20	at	(AM) ( <del>PM)</del>
					OBSERVE	D SURFACE	DATA			uration of Shut	-in Hours
Static / Dynamic Property	Orifice Size (inches)	Circle one: Pressure Meter Differential Prover Pressure psig (Pm) Inches H <sub>2</sub> 0		Flowing Temperature t	Temperature Temperature		(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>c</sub> ) psig psia		Liquid Produced (Barrels)
Shut-In	·-····································					280					
Flow					FI OW STE	EAM ATTRIE	ZUTEC				
Plate Coeffiecie (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Press Gravi Extension Factor		Flowing Femperature Factor F <sub>11</sub>	Devi	Deviation Metered FI Factor R F <sub>pv</sub> (Mcfd)		GOR (Cubic Fe Barrel)	Crowity
	<del></del> -	· · · · · · · · · · · · · · · · · · ·		(OPEN FLC	)W) (DELIV	ERABILITY)	CALCUL	ATIONS		(B.)	2 0.207
)² =	:	(P <sub>w</sub> ) <sup>2</sup> :		P <sub>d</sub> =		% (P <sub>c</sub>	- 14.4) +	14.4 =	·:		<sup>2</sup> = 0.207 <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> · (P <sub>g</sub> or (P <sub>c</sub> ) <sup>2</sup> · (P <sub>d</sub>		(P <sub>v</sub> )² - (P <sub>w</sub> )²	1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	c	ı = "n" or gned	n x l	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
pen Flow			Mcfd @ 14.	65 psia		Deliverabili	ty		Mo	fd @ 14.65 psi	a
			on behalf of the said report is true						e above report December	and that he ha	s knowledge of
		Witness	(if any)	~~~			MIDCO	EXPLO	DRATION, 1	NC .	
		For Coma	mission				71.8		Checked	l by	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator MIDCO Exploration, Inc.  and that the foregoing pressure information and statements contained on this application form are true and correct 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.  I hereby request a one-year exemption from open flow testing for the Shaw #2-4  gas well on the grounds that said well:  (Check one)  is a coalbed methane producer is a source of natural gas for injection into an oil reservoir undergoing ER is not capable of producing at a daily rate in excess of 250 mct/D  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.  Date:		
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Signature:		
Signature:	l fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
Signature:		
Signature:	stan as	
Signature:	sian as	
Signature:		12/02/2012
Signature:		12/03/2012
Signature:		12/03/2012
Signature:		12/03/2012
Title: Vice-President		Br. M. Lo
		Br. M. Lo
		Signature:
		Signature:

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.