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

Type Test					. (	See msnuci	uuns un nev	reise siut	<del>?</del> )						
	en Flow liverabili				Test Date					No. 15	റാക്ക				
Company	/		OD 8 T	ION CONT	10/30/2	:014	Lease		189	)-20874 <b>~ {</b>	1000		Well Nu	ımber	
MIDWESTERN EXPLORATION COMP County Location					Section					RNG (E/W)		1-13 Acres Attributed			
STEVENS SW SW SE				13 Reservoir	•	358			thering Connection			KCC WIG		CHI.	
WIDE A					LOWER	RMORRO			TIMBE	RLAND				•	
Completion Date 11-20-85				Plug Bac 6596	k Total Dept	th	Packer Set at 6290		Set at				DEC 01		
Casing Size Weight 4.5 10.5				Internal I	Diameter			Perfo 633	rations <b>4</b>		то <b>КЕС</b> 6354		RECE	IVE	
Tubing Size Weight 2.375 4.7				Internal [ 1.995	Diameter		Set at Perfo		rations	То	Го				
	npletion	(Describe)			Type Flui	d Production		<u>,                                      </u>		nit or Traveling	g Plunge	r? Yes	/ No		
		Annulus /	Tubing)	<del></del> _	COND.	arbon Dioxi	de		NO % Nitrog	en		Gas Gr	avity - (	 3 <sub>g</sub>	,
TUBING Vertical D	_			<u> </u>		Drage	sure Taps					.672	Duni\ (D	rover) Size	
6915	.opin(11)						·				, .				
Pressure	Buildup	: Shut in	10/30							20	14 at		(	(AM) (PM)	
Well on L	ine:	Started	10/31	2	0 <u>14</u> at		(AM) (PM)	Taken 11	1/1	20	14 at			(AM) (PM)	
						OBSERVE	D SURFACE	E DATA		<del></del>	Duratio	n of Shut-	-in	Hours	i
Static /	Orifice	Size Prover Press		Pressure Differential	Flowing	Well Head	Casing Wellhead Pressure		Tubing Wellhead Pressu		Duration		Liquid Produced		
Dynamic Property	(inches			in Inches H <sub>2</sub> 0	Temperature t	Temperature t	(P <sub>w</sub> ) or (P <sub>t</sub>	psia	(P <sub>w</sub> ) o	r (P <sub>t</sub> ) or (P <sub>c</sub> )	(H	(Hours)		Barrels)	
Shut-In								40		24					
Flow							40		40		24				
	-1-					FLOW STR	EAM ATTRI	BUTES	-					· 1	l
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient ,	Circle one: Meter or Prover Pressure psia		Press Extension √ P <sub>m</sub> xh	Grav Faci F <sub>و</sub>	tor 1	Flowing femperature Factor F <sub>ft</sub>	Fa	riation actor = pv	Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)		et/ Fluid	Gravity	
						·				15					
				•	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS.			(P <sub>a</sub> ):	<sup>2</sup> = 0.2	:07	
(P <sub>c</sub> ) <sup>2</sup> =	$\overline{}$	;: (		oose formula 1 or 2	P <sub>d</sub> =		1	- 14.4) +		<del>:</del>		(P <sub>d</sub> );	T		l
(P <sub>c</sub> ) <sup>2</sup> - (F		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		<ol> <li>P<sub>c</sub><sup>2</sup>-P<sub>a</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup>-P<sub>d</sub><sup>2</sup></li> </ol>	LOG of formula 1, or 2.		Backpressure Curv Slope = "n"		n x	LOG	An	ntilog	Open Flow Deliverability Equals R x Antil		
or (P <sub>o</sub> ) <sup>2</sup> - (F	P <sub>d</sub> ) <sup>2</sup>			ded by: $P_c^2 - P_w^2$	and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		signed ard Slope						(Mcfd)	
															,
_															
Open Flov	N		•	Mcfd @ 14.	65 psia		Deliverabi	lity 15			Mcfd @	14.65 psi	ia		
	_		•	ehalf of the				thorized to		Novenu		nat he ha	ıs know	ledge of 20	
		w	itness (if an	у)						SIDE JOIN	OWA Company				
	•	Fo	r Commissi	on			_			Che	cked 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 MIDWESTERN EXPLORATION CO.
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 GOOCH 1-13
gas well 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 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: 11/25/2014
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.