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

Type Test	Ľ	<b></b>		(	See Instruct	ions on Rev	erse Side	=)			
✓ Open Flow Deliverability			Test Date	: 12/2]	L/2015			No. 15 5-21302-000	0		
Company MIDCO Exploration, Inc.					Lease SHAW	•			#1-4	Well Number	
County Location CLARK SE/4			Section TWP 4 34S				RNG (E	W)		Acres Attributed	
Field BIG SAND CREEK			Reservoir CHESTER					hering Conn	ection		
Completion Date 7/28/2005				Plug Back Total Depth 5642			<u> </u>	Packer			
Casing Size Weight 4.5 10.5			t	Internal D 4.052	lameter		Set at 5693		rations	To 5458	
Tubing Si	Tubing Size Weight		it	Internal Diameter		Set at		5482 Perforations		To	
Type Con	2.375 4.7 Type Completion (Describe)			1.995 5418 Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No			
SINGLE Producing Thru (Annulus / Tubing)			CONDENSATE % Carbon Dioxide				% Nitrogen		Gas Gra	Gas Gravity - G	
TUBING Vertical Depth(H)				Pressure Taps						.711 (Meter F	lun) (Prover) Size
5455					FLAN	IGE			<del> </del>	2"	
Pressure	Buildup									15 <sub>at</sub> 10:0	
Well on L	ine;	Started 12/	<u>/21</u> _2	0_15 <sub>at_1</sub> 	0:00-	(AM) (BM)	Taken		20	at	(AM) (PM)
		<del> ,</del>			OBSERVE	SURFACE		· <b>-</b>		Duration of Shut-	n 24 Hours
Static / Orifice Dynamic Size Property (Inches)		Meter Prover Pressu	Motor Differential		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P, ) or (P, ) or (P, )		fubing ad Pressure r (P <sub>1</sub> ) or (P <sub>e</sub> ) psia	Duration (Hours)	Liquid Produced (Berrels)
Shut-In			<del></del>			240	paid	psig	psid		
Flow											
·			<u> </u>	<del></del>	FLOW STR	EAM ATTRI	BUTES		<del></del>	<del></del>	<del></del>
Plate Coefflecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mod		Circle one: Meter or Prover Pressure psia	Press Extension √ P <sub>m</sub> xh	Grav Fact F <sub>o</sub>	or T	Flowing Temperature Factor F <sub>rt</sub>		iation ctor pv	Metered Flov R (Mcfd)	GOR (Cubic Fed Barrel)	Flowing Fluid Gravity G
		-		<u> </u>	<u>-</u>					<u>l</u> ,	
(P <sub>c</sub> ) <sup>2</sup> =		_: (P <sub>w</sub> )²=	. :	(OPEN FLO	DELIVI) (DELIVI) 9	ERABILITY) 6 (P.		.ATIONS · 14.4 =	:	(P <sub>a</sub> )° (P <sub>d</sub> )°	= 0.207
(P <sub>c</sub> ) <sup>2</sup> - (I		(P <sub>c</sub> )*-(P <sub>w</sub> )*	Choose tomula 1 or 2  1. P <sub>c</sub> <sup>2</sup> -P <sub>d</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>d</sub>	LOG of formula 1. or 2. and divide	P <sub>6</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpres Stop	sure Curve == "n" orignad rd Slope	n x	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
	_										
Open Flo			Mcfd @ 14	65 nsia	<u> </u>	Deliverabi	like			Mcfd @ 14.65 psi	
		gned authority. o			tates that he			o make ti		rt and that he ha	
		erein, and that s				•			•		, 20 16
				KANS	Rece	e <b>ived</b> T		EXPL	ORATION,	INC.	
		Witness (				4 2016-					
		For Comm	นธริเ <b>ดก</b>		· · · ·	1 5010			Chec	cked by	

er e
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 #1-4  gas well on the grounds that said well:
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:1/11/2016
Signature: Earl J. Joyce, Jr., 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.