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

Type Test	:				(	See Instruct	ions on Reve	erse Side	9)				
= '	en Flov liverabi				Test Date	: 10/0	3/2015			No. 15 -20403 - <b>0(</b>	100		
Company MIDCO EXPLORATION, INC.					<u> </u>	Lease DUCKW	ORTH	- · · · · ·		#1	Well Number		
County KINGMAN			Location SE/4		Section 23			TWP 29S		W)	Acres Attributed		
Field BELMON	NT CT	R			Reservoir MISSISS				Gas Gat	hering Conne	ection	· <u></u>	
Completion Date 5/18/1975				Plug Back Total Depth				Packer S	Set at		· · · · · · · · · · · · · · · · · · ·		
Casing Size Weight 4.5 10.5			t	Internal D 4.052	iameter	Set at 4269		Perforations 4208		To 4214	To 4214		
Tubing Size 2.375			Weigh	t	Internal Diameter 2.995		Set at 4190		Perforations		То	То	
Type Completion (Describe) SINGLE GAS					Type Fluid Production WATER				Pump Unit or Traveling Plunger? Yes / No PUMPING UNIT				
Producing Thru (Annulus / Tubing) CASING					% Carbon Dioxide			% Nitrog	en		Gas Gravity • G		
Vertical Depth(H) 4211					Pressure Taps FLANGE							Run) (Prover) Size	
Pressure	Buildu			/02 <sub>2</sub>		0:00	(AM) (PM)	Taken	10/0	0320	15 at 10:0	00 (AM) (BM)	
Well on L	.ine:	;	Started _10	/032	o 15 at _	LO:00()				20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	inHours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Mollhoad Proceura		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>9</sub> ) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							195		F-S				
Flow						L					<u> </u>	<u> </u>	
				<del></del>		FLOW STR	EAM ATTRI	BUTES					
Plate Coeffictent (F <sub>b</sub> ) (F <sub>p</sub> ) Mord			Circle one: Meter or ver Préssure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Faci F <sub>o</sub>	or	Temperature Fe		viation Metered Flow actor R F <sub>p*</sub> (Mcfd)		v GOR (Cubic Fe Barrel)	Cravity	
		_		<u> </u>	<u> </u>								
(P <sub>c</sub> )² =		_:	(P <sub>w</sub> ) <sup>2</sup> =	<u> </u>	OPEN FLO		ERABILITY)	- 14.4) +		;	(P <sub>a</sub> ) (P <sub>a</sub> )	2 = 0.207 2 =	
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (		(P	(P <sub>w</sub> )² - (P <sub>w</sub> )²	1. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>s</sub> <sup>2</sup>	LOG of tormula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Stop	sure Curve = = "n" or gned rd Slope	l nr x	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				divided by: P <sub>o</sub> <sup>2</sup> - P <sub>w</sub>	3,	<u> </u>	- Contract						
Open Flo			<u> </u>	Mcfd @ 14	<u>;</u>		Deliverabi				Mcfd @ 14.65 ps		
		-		an behalf of the						Novembe	ort and that he ha	as knowledge of	
			Wilness (	if any)	N.	CC:W	ICHIT#	MID	CO EXI	PLORATIC	N, INC.		
			For Com					-	, <del>, .</del> .	: 	cked by		
			, 41 551111			VOV 19	l Zuib			3.12	· · · · = <b>* /</b>		

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l declare unde	r penalty of perjury under the laws of the state of Kansas that I am authorized to request
	er Rule K.A.R. 82-3-304 on behalf of the operator MIDCO EXPLORATION, INC.
	oing pressure information and statements contained on this application form are true and
_	of my knowledge and belief based upon available production summaries and lease records
	lation and/or upon type of completion or upon use being made of the gas well herein named.
	st a one-year exemption from open flow testing for the DUCKWORTH #1
	unds 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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 1	1/09/2015
	Signature: <u>Parallogo</u> Title: <u>Vice-President</u>

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.

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