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

Type Test:	:				6	See Instru	ctions	on Rev	erse Side	)					
□ Ор	en Flo	W													
Del	liverab	ilty			Test Date 2-19-20						No. 15 1 <b>85-23866</b> <del>-</del>	0000	)		
Company Mid-Conf		Ene	ergy, Corp					ease isher-H	larter		,			Vell Nu	mber
County Stafford			Locati NW-NE	on -NW-NW	Section 31			WP 24S		RNG (E/	W)			Acres A	ttributed
Field Seevers	North	wes	st		Reservoir Mississi					Gas Gati Oneok	nering Conn	ection			<del></del>
Completic 5-28-201		e			Plug Back 4321'	k Total De	pth			Packer S None	et at				
Casing Size Weight 5.5" 15.5#			Internal E 4.950"					Perforations 3983'		To 4000'					
Tubing Sit 2.375"	ze		Weigh 4.7#	t	Internal D 1.995"	Internal Diameter 1.995"			Set at 4056'		Perforations 3983'		To 4000'		
Type Com		n (De	escribe)		Type Fluid Water	d Production	on				it or Traveling umping un		r? Yes	/ No	<del></del>
Producing		(Anr	nulus / Tubing	))	% C	arbon Dio	xide			% Nitroge 15.95	en		Gas Gra	avity - (	i <sub>g</sub>
Vertical D		i)			.130		ssure	Taps		10.90			(Meter F		rover) Size
4343'			2.4	<u> </u>	4E 0:		nge			20		15	2" Me		<u>in</u>
Pressure	Buildu	•		92			-								AM) (PM)
Well on Li	íne:	,	Started	20	D at		_ (AN	1) (PM)	Taken		20	at	t		AM) (PM)
						OBSERV	ED S	URFACI	E DATA			Duratio	on of Shut-i	n	Hours
Static / Dynamic Property	Orifi Sizi (inchi	e	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperatur t	e (	Cas Velihead P <sub>w</sub> ) or (P	Pressure	Wellhes (P <sub>w</sub> ) or	ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )		· · · · · · · · · · · · · · · · · · ·		d Produced Barrels)
Shut-In			paig (i iii)	mones ri <sub>2</sub> 0			- 1	psig 70#	psia 284.40#	o#	14.40#	24	<del>-</del>	0	
Flow															
			•	•		FLOW ST	REA	/I ATTR	IBUTES						-
Plate Coeffieci (F <sub>b</sub> ) (F Mcfd	ient 。)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fact F <sub>s</sub>	tor	Temp Fa	wing erature ector	Fa	ation ctor :	Metered Flow R (Mcfd)	N	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>
	1.				(OPEN FL	OW) (DELI	VERA							2 = 0.2	07
$(P_c)^2 =$		: (F	$\frac{(P_{w})^{2}}{(P_{w})^{2} - (P_{w})^{2}}$	Choose formula 1 or 2	LOG of formula		_%_	Backpre	C <sub>c</sub> - 14.4) + ssure Curve pe = "n"	1	.og [ ]	A	(P <sub>d</sub> ) <sup>2</sup>	O De	en Flow
(P <sub>c</sub> ) <sup>2</sup> - (F	2 <sup>4</sup> ) <sub>5</sub>			2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1. or 2. and divide by:	P.2-P.2			signed ard Slope						R x Antilog (Mcfd)
Open Flor	w			Mcfd @ 14.	65 psia			eliverab	ility			Mcfd @	14.65 psi	a	
		iane	d authority o	n behalf of the		states that			•	o make th	e above rend		•		dedne of
		-	•	aid report is true	and correc	t. Execute	ed this Rece	the 3	rd	day of M	·		a a a a a a a a a a a a a a a a a a a		20 <u>15</u> .
-	{	<u>/·</u>	Witness (	f any)	• . •	Kansas Co	RPORA	3 20°	_	£	my G	Company	<u></u>		
-		·	For Comm	nission	1 t t t t t t t t t t t t t t t t t t t	CONSE		- פועום מכ	-		Che	cked by			

exempt status and that the fo correct to the b of equipment in	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Mid-Continent Energy, Corporegoing pressure information and statements contained on this application form are true and pest of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named.
	e grounds that said well:
(Ch [ [ [ [	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
	gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
Date: 3-3-201	5
M	Received CORPORATION COMMISSION 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.

		*	KGS_DAILY_TF_PRATT	
Meter:	460224	•	Name: FISHER HARTNER #1	

	Mol %	Liquid Content		
Carbon Dioxide	0.136	0.0229	Pressure Base	14.650
Nitrogen	15.950	1.7448	Temperature Base	60.00
Methane	73.895	12.4562		
Ethane	4.364	1.1605		
Propane	2.405	0.6588	Relative Density	0.6897
lso-Butane	0.371	0.1207	Dry Heating Value	945.85
N-Butane	0.811	0.2542	As Del Heating Value	
Iso-Pentane	0.134	0.0487	Sat Heating Value	929.30
N-Pentane	0.205	0.0739		
Hexane	0.207	0.0846		
Heptane	0.000	0.0000	C2+ Liquid Content	2.4015
Octane	0.000	0.0000	C5+ Liquid Content	0.2073
Nônane	0.000	0.0000	C6+ Liquid Content	0.0846
Decane	0.000	0.0000	26# Gasoline	
Oxygen	0.005	0.0004	H2S ppm	
Hydrogen	0.000	0.0000		
Helium	1.517	0.0000		
Argon	0.000			
Water Vapor	0.000	0.0000		
Hydrogen Sulfide	0.000000	•		

KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION

WICHITA, KS