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

Type Tes					٠, (	see instruct	ions on Heve	erse Siae	) ·			
_ :	eliveral				Test Date	): · .				No. 15 023-20748-0	0-00	
Company		N EN	NERGY MA	NAGEMENT,	LLC	, '	Lease RUEB FA	ÄRM	,		13-15	Well Number
County CHEYEI	NNE	,	Locat NWSV		Section 15		TWP , 13S ⊸		RNG (E 42W	<b>(</b> W)		Acres Attributed
Field CHERR	Y CR	EEK			Reservoir NIOBR					hering Conne R MORGAN	ction	
Completion 5/15/200		te		·	Plug Bac 1639'	k Total Dept	h		Packer \$	Set at		
Casing S 7", 41/2"	Size		Weigl 17#,		Internal [ 6.538",	Diameter 4.090"	Set at <b>305',</b>	1725'	Perio 155	rations '	то 1595'	
Tubing S 2-3/8"	ize		Weigl 4.7#	nt .	internal [ 1.995"	Diameter	Set at 1617		Perfo	rations	То	
Type Con			escribe)			d Production VATER	,			nit or Traveling ROD PUMI		/ No
Producing	_	(An	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	en	` Gas Gr	avity - G <sub>g</sub>
Vertical D	Depth(l	<del>-</del> 1)		•	i	Pres	sure Taps				(Meter	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in 3/3	2	0 15 at 4	30 PM	(AM) (PM) 7	aken		20	at	(AM) (PM)
Well on L	.ine:		Started 3/4	2	0 <u>15</u> at 4	:45 PM	(AM) (PM) T					(AM) (PM)
			<del>.</del>			OBSERVE	D SURFACE	DATA			Duration of Shut-	24.25
Static / Dynamic Property	Orif Siz (inch	te.	Circle one: Meter Prover Press psig (Pm)	Pressure Differential ure in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead Pr (P <sub>w</sub> ) or (P <sub>rt</sub> ) psig	ressure	Wellhe	fubing ad Pressure r (P <sub>c</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In				,	-	1	<del></del>	109			· · · · · · · · · · · · · · · · · · ·	W WICH
Flow,						į	<u> </u>	r.	<u> </u>			18 2015
	-		,	· · · · ·	<del></del>	FLOW STR	EAM ATTRIE	BUTES	•			TECEIVED
Plate Coeffiec (F <sub>b</sub> ) (F Mofd	ient ,)	Pro	Circle one: Meter or ver Pressure psia	Press Extension	Grav Fact F <sub>o</sub>	or T	Flowing emperature Factor F <sub>II</sub>	Fa	iation etor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	I Gravity I
				_	<u>.</u>				,	-		ľ
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> )² =	·:	OPEN FLO	OW) (DEL1VI	ERABILITY) ( 6 (P,	CALCUL - - 14.4) +		:	(P <sub>a</sub> )	² = 0.207 ² =
(P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>a</sub> ) <sup>2</sup>	(F	P <sub>c</sub> ) <sup>2</sup> -(P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. $P_0^2 - P_0^2$ 2. $P_0^2 - P_0^2$ divided by: $P_0^2 - P_0^2$	LOG of formula 1, or 2, and divide by	P <sub>6</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpress Slope o Assig Standar	= "n" r gned	n x	LOG	Antilog	Open Flow Deliverability Equals B x Antilog (Mcfd)
		_	1	,	;	· · ·		,			,	
L				•		,						
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabili	ty		1	/lcfd @ 14.65 ps	a
				n behalf of the			•				t and that he ha	s knowledge of
14013 31			n, and that S	as report to title	and contest	i Executed	416 <u></u>	,				, 20
		<del></del>	Witness (	f any)		<del></del>		10		For Co	mpany	<del>-</del>
	-		For Comm	nission		<del></del>				Check	ed by	

	nder penalty of perjury under the laws of the state of Kansas that I a under Rule K.A.R. 82-3-304 on behalf of the operator <u>Foundation Ener</u>	
	regoing pressure information and statements contained on this appli	
correct to the be	est of my knowledge and belief based upon available production sumr	naries and lease records
of equipment ins	stallation and/or upon type of completion or upon use being made of th	e gas well herein named.
I hereby req	quest a one-year exemption from open flow testing for the RUEB FAF	RM 13-15
gas well on the	grounds that said well:	KCC
(Cha.	of and	KCC   MAY   RECE
(Chec	ock one) is a coalbed methane producer	
	is cycled on plunger lift due to water	RECE
	is a source of natural gas for injection into an oil reservoir undergo	
	is on vacuum at the present time; KCC approval Docket No	,,,,g _,,,
L	is not capable of producing at a daily rate in excess of 250 mcf/D	
[✔	is not capable of producing at a daily falle in excess of 250 file/b	
-	ree to supply to the best of my ability any and all supporting documer	nts deemed by Commission
-	ree to supply to the best of my ability any and all supporting documer ary to corroborate this claim for exemption from testing.	nts deemed by Commission
staff as necessa	ree to supply to the best of my ability any and all supporting documer ary to corroborate this claim for exemption from testing.	its deemed by Commission
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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.