KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: (See Instri							struct	ions on Re	verse Side	e)						
Open Flow						Test Date	Test Date:					API No. 15 023-20884-00-00				
De	liverat	oilty					,, 				CC1	140. 15				
Company		Г	Man			_			Lease					Well No		
Foundation Energy Management, LLC County Location						Section			RAILE TWP		RNG (E			-	Attributed	
CHEYENNE SWNE					6			48		41W			Autes	Attibuled		
Field						Reservoi					Gas Gathering Connection					
						NIOBR		D 1	<u> </u>			_ 	Southern Star			
2/18/20		te				Plug Bac 1597'	K Iotai	Dept	n		Packer S	Set at				
Casing Size Weight					Internal I	Internal Diameter			Set at		Perforations To					
7", 4 ½" 17# 10.5#					6.538, 4.052			251, 1639		1418'		1456'				
Tubing Size Weight 2 3/8" 4.7#					Internal Diameter 1.995			Set at 1481		rations	То					
	npletio	n (D	escribe)	7	.117	Type Flui		ıctior		1701	Pump Ui	nit or Traveling	Plunger? Yes	/ No		
Type Completion (Describe) SINGLE						SALT	SALTWATER				ROD PUMP					
Producing Thru (Annulus / Tubing)						% C	% Carbon Dioxide				% Nitrogen Gas (ravity -		
ANNULUS Vertical Depth(H)							Pressure Taps						/A 1 a 1	Dun' (F	Prover) Size	
vertical D	epui(r	ער						Press	sure raps				(Merer	Hun) (F	rover) Size	
			<u> </u>	ç	9/3	. 14	9:30 A	M	/aan /=:::						/AND 477.77	
Pressure	Buildu	•	Shut in		9/4 2	∪ <u>···</u> at <u>·</u> `	7-3U V	NA.	(AM) (PM)	Taken		20	at		(AM) (PM)	
Well on Li	ine:		Started		2142	0 <u>14</u> at <u> </u>	7.30 A	IVI	(AM) (PM)	Taken		20	at		(AM) (PM)	
							OBSE	DVE	D SUBEAC	E DATA	<u>-</u>		Duration of Chui		24 Hours	
Classa / Co.		Circle one		Pressure					D SURFACE DATA Casing		1 -	Tubing	Duration of Shut	m	ndurs	
Static / Dynamic		rifice Mete Size Prover Pro ches) psig (F			Differential	Flowing Temperature	Well Head Temperature		Wellhead	Pressure	Wellhe	ad Pressure	Duration (Hours)		Liquid Produced (Barrels)	
Property	(inch					t	l t		(P _w) or (P	psia	psig	r (P ₁) or (P _c)	(1,00,13)	'	(50,1535)	
Shut-In									118							
Flow											†-	+				
,,,,,,			l. <u>.</u>				F1 0W	CTD		IBUTEO		!	<u></u>	<u> </u>		
			Circle one:	T	- ·	· ·	FLOW	SIR	EAM ATTR	IBOLES					Floring	
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or			Press Extension		Gravity Factor		Flowing Temperature		lation Metered Flow		GOR (Çubic Feet/		Flowing Fluid	
		Prover Pressure psia			✓ P _m x h	F,			Factor F _{it}		- pv	(Mcfd)	Barrel		Gravity G _m	
				+		-		-	` n	<u> </u>					-m	
					_						!					
						=	OW) (DI	ELIV	ERABILITY) CALCUL	ATIONS.)² = 0.3	207	
(P _c) ² =		<u>_:</u>	(P _w) ²		:	P _d =		<u> </u>	6 (F	o _c - 14.4) +	14.4 =	:	(P _d) ² =		
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_a)^2$		(P _Q) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ²		LOG of		Backpressure C							Open Flow Deliverability	
						formula 1. or 2. and divide		,	or Assigned		- n x	100	Antilog		Equals R x Antilog	
	<u>" </u>			divia	fed by: Pc2 - Pg2		P.º-P	<u>-</u>		ard Slope					(Mcfd)	
						1									1	
	-															
Onen Ele					Motel @ 14	65 neio			Dolivorah	vility		<u>-</u> -	Mofd @ 14 85 ~			
Open Flov					Mcfd @ 14.				Deliverab				Mcfd @ 14.65 ps			
The u	ınders	igned	authority,	on b	ehalf of the	Company, s	tates th	at h	e is duly au		o make th		ort and that he h VEMBER	as knov		
he facts st	ated t	herei	n, and that	said	report is true	and correc	t. Exec	uted	this the		day of		A CIAID CL	,	20	
															Received	
			Witness	(if an	y)			_	-			For	Company KAI		RPORATION COM	
			For Com	mina!					_	- A.		Cho	cked by	- N n	V 1 4 20 1	
			ror com									Cite		. 149		

exempt status us and that the for correct to the be	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request nder Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC regoing pressure information and statements contained on this application form are true and lest of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named.
-	DAU = 00.0
-	guest a one-year exemption from open flow testing for theRAILE 32-6 grounds that said well:
l further ag	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 ree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necess	ary to corroborate this claim for exemption from testing.
Date:11	/12/2014
	Signature: OPERATIONS ASSISTANT Title:

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 recent commission commission was a verified report of annual test results.