Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				(See Instruc	tions on Reve	erse Side	=)					
Open Flow				Test Bates					023	-21188-00-00	1			
Deliverabilty				Test Date:				API	No. 15 020	-21100-00-00	,			
Company	,						Lease					Well Nu	ımber	
Founda	ation	Ene	ergy Mana	gement, LL0			ROGERS					21-	32	
County Location				Section TWP			RNG (E/	W) BW		Acres /	Attributed			
CHEYE Field	ININE		200-10	E-NE-NW	Reservoi	32	58				ection			
PRAIRIE STAR				NIOBRARA			Gas Gathering Connection KINDER MORGAN							
Completic 6/1/201		е			Plug Bac 1494'	k Total Dept	h		Packer S	iet at				
Casing Size Weight			Internal [Diameter	Set at		Perforations		То					
				# 11.6#		3, 4.000	345,	345, 1534'		1291'		1315'		
Tubing Size Weight			Internal E		Set at 1354'		Perforations		То	То				
2 3/8"	onletio	1 /Da		4.7#		.995 d. Broduction		304	Pump I In	it or Traveling	Plunger? Vee	/ No		
Type Completion (Describe) SINGLE				Type Fluid Production SALTWATER				Pump Unit or Traveling Plunger? Yes / No ROD PUMP						
Producing ANNUL		(Anr	nulus / Tubing	1)	% C	arbon Dioxi	de		% Nitrog	en	Gas G	ravity - (∋ _g	
Vertical D		()				Pres	sure Taps				(Meter	Run) (P	rover) Size	
				10/0	45 (2.00 DM						····		
,Pressure	Buildu		Shut in	12/9	0_15_at4	2.00 PIVI	(AM) (PM) T	aken	-	20	at		(AM) (PM)	
Well on L	ine:		Started	12/10 2	0 <u>15</u> at _2	2:00 PM	(AM) (PM) T	aken		20	at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA	-		Duration of Shu	t-in2	24Hours	
Static / Orifice		e Prover Press		Pressure	Flowing	Well Head	rature Welinead Pressure		Tubing Wellhead Pressure (P _w) or (P _c)				Liquid Produced (Barrels)	
				Differential In	Temperature	Temperature					Duration (Hours)			
Property	Property (inches		psig (Pm)	Inches H ₂ 0	t	t	psig psia		psig psia				,	
Shut-In							38							
Flow														
						FLOW STR	EAM ATTRIE	UTES					,	
Coefficient		Circle one:	Press	Grav	rity	Flowing De		viation Metered Flow		w GOF	i	Flowing		
		Pro	Meter or ver Pressure	Extension	Fact	or	femperature Factor	Fa	actor R F _{pv} (Mcfd)		(Cubic F	eet/	et/ Fluid Gravity	
			psia	√ P _m xh	F,	·	Fit	'			Barre	1)	G _m	
	Ì													
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		/D	\2 0.0	207	
(P _c) ² =		_:	(P,,,)2 =	:	, P _d =				14.4 =	:		$()^2 = 0.2$ $()^2 = 0.2$.07	
				Choose formula 1 or 2	:	$\overline{\Gamma}$	Backpress	ure Curve	,	<u> </u>			oen Flow	
(P _c) ² - (F		(P	(P _w) ² - (P _w) ²	1. P _a ² -P _a ²	LOG of formula		Stope		l n x t	.og	Antilog	Dei	iverability	
or (P _c) ² - (F	o _d)²			2. P _c ² -P _d ²	1. or 2. and divide	P _c ² -P _w ²	-	gned			J	1	R x Antilog (Mcfd)	
				divided by: $P_c^2 - P_w$	by:	<u> </u>	Statioal	a Siohe						
•									_					
On and Elev				Matel @ 44	SE naio		Delhyarahili				Motel @ 14 SE n	nio.	<u>.</u>	
Open Flor	w			Mcfd @ 14.	oo psia		Deliverabili	ıy			Mcfd @ 14.65 p	Sia		
		_	•					16		DÉC	ort and that he h CEMBER			
the facts s	tated ti	nerei	n, and that sa	id report is true	and correc	t. Executed	this the		day of			· ·	20	
			14 Hz	family		KANO.	Received			Face	Company			
			Witness (i ariy)		DANSAS C	ORPORATION C	OMMISSIO	N	Fort	Company			
,			For Comm	ission		DE	EC 2 1 2)15	•	Che	cked by			

CONSERVATION DIVISION WICHITA, KS

exempt status un and that the for- correct to the be of equipment ins I hereby req	Inder penalty of perjury under the laws of the state of Kansas that I am authorized to request a nder Rule K.A.R. 82-3-304 on behalf of the operatorFoundation 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. Usest a one-year exemption from open flow testing for the
√ I further agr	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 ee to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date:12i	<u>116/2015</u>
·	Signature: Cath O'hot HSE/Regulatory Tech

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.