KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instru	uction	s on Rev	erse Side	e)						
Op	oen Flo	w				Test Date	·				۸۵	I No. 15 023	-21126-0	00-00			
De	eliverat	oilty				iesi Dale						1110. 15					
Company		Г	· NA						Lease	2140				V	Vell Nun 32-1		
Foundation Energy Management, LLC County Location			KELLER FARMS Section TWP					RNG (E			Acres Attributed						
CHEYE	NNE	<u> </u>		W-SW-N	E		12		28	3		9W					
Field BIG TIMBER				Reservoir NIOBRARA					Gas Gathering Connection SOUTHERN STAR								
Completion		te					k Total De	epth			Packer	Set at					
11/13/2			Weig	ht		1403	Nametor		Set a		Porf	orations					
Casing Size 7", 4 1/2"			•	 17# 9.5#	Internal Diameter 6.538, 4.090), 1462	Feit	1243		1268				
Tubing Size			Weight			Internal Diameter			Set a	it	Perf	orations	 :	То			
2 3/8" 4.7#				1.995 1286													
Type Completion (Describe) SINGLE					_	SALT	d Product WATER	<u> </u>			Pump Unit or Traveling Plung			ROD PUMP			
	_	(Anı	nulus / Tubir	ng)		% C	arbon Dic	oxide			% Nitro	gen	(Gas Gra	vity - G	g	
ANNUL Vertical D		-I)					Pre	essure	e Taps				(Meter R	lun) (Pri	over) Size	
Pressure	Builde	ın:	Shut in	10/14	20	14 _{at} 1	0:00 AN	<u>Л</u>	M) (PM)	Taken		20) at			 AM) (PM)	
,			Started	10/15	20	14 _{at} 10:00 AM			M) (PM)	Taken	20			at (AM) (PM)			
-									SURFACE				Duration o		2		
Static / Orifice Dynamic Size Property (inches)		ica	Circle ona:			Flowing	Well Hear	<i>a</i>	Casing		Tubing			Duration (Hours)		Liquid Produced (Barrels)	
		ze Prover Press		Differential sure in		Temperature		100	Wellhead Pressure (P,) or (P,) or (P,)		1	ead Pressure or (P _t) or (P _c)	I				
				inches H ₂ 0			<u> </u>	\perp	psig psia		psig	psia					
Shut-In									54								
Flow																	
	•		•	•			FLOW S	TREA	M ATTRI	BUTES	•	•	•				
Plate Coefficcient (F _b) (F _p) Mcfd		Circle ano: Meter or Prover Pressure psia		Press Extension P _m xh		Gravity Factor F _g		Flowing Temperature Factor F _{it}		Fa	riation actor F _{pv}	Metered Flo R (Mcfd)	R (GOR (Cubic Feet/ Barrel)		
	ļ					4											
P _c) ² =		_:	(P _w) ² :	=	_:	(OPEN FL		.IVER	•	CALCUL - 14.4) +		;	_	(P _d) ² (P _d) ²	= 0.20)7 	
$(P_c)^2 - (P_a)^2$ or $(P_a)^2 - (P_a)^2$		(F	P _c)² - (P _w)²	1. P _e 2-	1. P _c ² - P _d ² 2. P _c ² - P _d ²		P.2.P.2	Backpressure Curv Slope = "n"			n x LOG		Antilo	Antilog E		Open Flow Deliverability Equals R x Antilog	
	-			divided by: P	2 - P _w 2	and divide by:	<u>''</u> c '' <u>"</u>		Standa	ard Slope						Mefd)	
				-	-	<u> </u>											
Open Flor	w			Mcfd 6	9 14.6	55 psia			Deliverabi	ility			Mcfd @ 14	1.65 psia	1		
		•	•			, ,			-	12		he above rep NO	ort and tha		s knowle	edge of	
ne lacts s	tated t	nerei	in, and that s	said report i	s true	and correc	t. Execute	ed this	s the		day of _				Rece		
			Witness	(if any)				-	-	<u> </u>		Fai		ANSAS CO	JRPORAT	ION COMMISS	
			For Com	mission				•	-			Ch	ecked by	NL	1 4 	4 2014_	
															ervatic Wichit	ON DIVISI <mark>ON</mark> A, KS	

exempt s	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator <u>Foundation Energy Management, LLC</u>
correct to of equipr	the foregoing pressure information and statements contained on this application form are true and of the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named. Beby request a one-year exemption from open flow testing for the
	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 ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date:	11/12/2014
	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 Received to signed and dated on the front side as though it was a verified report of annual test results.

KANSAS CORPORATION COMMISSION

NOV 1 4 2014