KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	ions on Rev	verse Side	e)				
	oen Flo eliveral				Test Date	: :				No. 15 023 - 20228-0	00-00		
Company		N EN	NERGY MA	NAGEMENT,	LLC		Lease RAILE				1-11	Well N	umber
County Location CHEYENNE SWNE			on	Section 11		TWP 3S		RNG (E/W) 42W		Acres Attributed			
Field CHERR	Y CR	EEK			Reservoi NIOBR/					thering Conn			
Completi 4/26/198		te			Plug Bac 1680'	k Total Dept	h		Packer \$	Set at			
Casing S 7", 41/2"	Size		Weigh 17#, 9		Internal Diameter 9-7/8", 6-1/4"		Set at 353', 1690'		Perforations 1558'		то 1580'		
Tubing Size			Weigh		Internal Diameter		Set at		Perforations		То		
2-3/8"			4.7#		1.995"		1520	<u>'</u>					
Type Cor	E (GA	(S)	·			d Production	1 		YES	nit or Traveling	-	/ No	
Producing TUBING	_	(Ani	nulus / Tubing	3)	% C	arbon Dioxi	de		% Nitrog	je n	Gas Gr	avity -	G,
Vertical D	Depth(l	1)				Press	sure Taps				(Meter I	Run) (F	Prover) Size
Pressure	Buildu	ip:	Shut in _3/1	72	14 at 2	:00 PM	(AM) (PM)	Taken	<u>-</u>	20	at		(AM) (PM)
Well on L	ine:		Started 3/18	32	0 <u>14</u> at <u>2</u>	:00 PM	(AM) (PM)	Taken		20	at		(AM) (PM)
						-	D SURFACE				Duration of Shut-	24	
Static / Dynamic	Orif Siz	e	Circle one: Meter Prover Pressu	Pressure Differential in	Differential Flowing Well Head Wellhead Pressure Wellhead		Tubing ad Pressure r (P,) or (P _a)	Duration Liquid Produced (Hours) (Barrels)					
Property	(inch	es)	psig (Pm)	Inches H ₂ 0	t	t	psig psig	psia	psig	psia	(110010)		
Shut-In			<u> </u>					100	<u> </u>		-		
Flow	<u> </u>					FLOW STR	EAM ATTRI	IBUTES				<u> </u>	
Plate	,		Circle one:	Press			Flowing						Flowing
Coeffiecient		Meter or Prover Pressure		Extension	Grav Fac	tor	emperature		riation actor	Metered Flow	v GOR (Cubic Fe	et/	Fluid
(F _b) (F		-10	psia	√ P _m xh	F	+	Factor F _{tt}		E pv	(Mcfd)	Barrel)		Gravity G _m
					<u> </u>								
(P _c) ² =		:	(P)²=	:	(OPEN FLO	OW) (DELIVI	•	CALCUL - 14.4) +		:	(P _a) [*] (P _d)	? = 0.1 ? =	207
		<u>-</u> -	1	Choose formula 1 or 2	:]			sure Curve					Inon Flow
(P _c) ² - (i		(P	c)2-(P _w)2	1. P ₀ ² -P ₁ ²	LOG of formula		Slop	e = "n"	n r	LOG	Antilog		pen Flow liverability
or (P _c) ² - (I	P _a)²			2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1, or 2, and divide by:	P _c ² -P _w ²	Ass	signed ard Slope			, and og	Equal	s R x Antilog (Mcfd)
													
Open Flo	w	-	· · · ·	Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 psi	a	
					· ·		=			-	rt and that he ha		vledge of 20 <u>14</u> .
uie iacis S	iaieO (ietell	n, and that sa	id report is true	and correc	. Executed	uns me		uay of			· ·	ZU <u>· · · .</u> .
			Witness (ii	апу)	KAN	Rece	eived ATION COMMIS	SION		For C	ompany		
_			For Comm	ssion	-	SFP N	3 2014			Chan	ked by		
			••••••			~ <u>-</u> , ,	·			Onec			

l de	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC
	t the foregoing pressure information and statements contained on this application form are true and
	to 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.
	reby request a one-year exemption from open flow testing for the RAILE 1-11
gas wel	I on the grounds that said well:
	(Check one)
	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
l for	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.
Doto: 8	/29/2014
Date: <u>- </u>	72012014
	Signature: Such Mather
	Title: OPERATIONS ASSISTANT

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 ceauting shall be filed with the Wichita office no later than December 31 of the year for which it's intermediately completely status for the subject well. The form must be signed and dated on the front side as though it with the well and the side as though it will be signed and dated on the front side as though it will be signed and dated on the front side as though it will be signed and dated on the front side as though it will be signed and dated on the front side as though it will be side.