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

Type Test	t:					6	See Insti	ucti	ons on Rev	erse Side	<del>!</del> )					
= .	en Flo liverat					Test Date	:				AP	<sub>I No. 15</sub> 15-0	23-210	68-00-	00	
		, iir y									<u> </u>		-			
Company		Enc	ergy Mana	domont I					Lease DUNBAR	)				'	Vell Nu 1−1	
County	auon	Cite	Locat			Section			TWP	<u> </u>	RNG (E	·////				ttributed
Cheyenne SW-NE-NW-NE					13		28		39W			•	10.00			
Field						Reservoir					Gas Ga	thering Conn	ection			
BIG TIN	MBE	₹				NIOBRA					SOU	THERN ST	4R			
Completion		te				Plug Back 1367	Total D	epth	1		Packer	Set at				
11/11/2 Casing S			Weigl	NF		Internal D	liametor	_	Set a		Perf	rations		To		
7", 4½"			17#, 10.6#			9 7/8", 61/4"			162', 1407'		1 0110	1222	1260			
Tubing Size			Weight			Internal Diameter			Set at		Perf	rations	То			
2 3/8"				4.7#		1.	995		1	287'						
Type Con			escribe)			Type Fluid		tion			Pump U	nit or Traveling	Plunger?			
Single		<u> </u>	andria / Tubia			Saltwa			·_		O/ Nihan				yes	
	_	(Ani	rulus / Tubin	9)		% C	arbon Di	OXIO	e		% Nitro	gen		Gas Gra	avity - C	³o
Tubing Vertical D		4)	<del></del>				Pı	ess	ure Taps					(Meter F	Run) (Pr	over) Size
VOI (IOLI L	opan	''					•	-	aro rapo					(10,010, 1	, (1 )	0701, 0120
						14 1	0:30 ar	n								
Pressure	Buildu											20				
Well on L	.ine:		Started		. 20	14 at 1	0:30 ar	<u>n</u> .	(AM) (PM)	Taken		20	at _		(	AM) (PM)
																<u> </u>
	-				_		OBSER	VEC	SURFACE				Duration	of Shut-	in	4Hours
Static / Orifice			i I <i>Meter</i> I Di		ы I	Flowing	Well Head		Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration		Liquid Produced	
Dynamic Property	Siz (inch		Prover Press	<i>ire</i> in	- ['	Temperature t	Temperate t	ure :	(P <sub>w</sub> ) or (P <sub>t</sub>			or (P <sub>t</sub> ) or (P <sub>c</sub> )	(Hou			Barrels)
	<b>(</b>		psig (Pm)	Inches H	<u>°</u>			$\dashv$	psig	psia	psig	psia				
Shut-In					┙				62							
Flow					į		ı		l							
			I				FLOW S	TRE	EAM ATTRI	BUTES						
Plato			Circle one:						Flowing				_1			Flowing
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd			Meter or	Press Extension	1	Grav Fact	or Te		emperature Fa		iation ctor	Metered Flow		GOR (Cubic Fee		Fluid
		Pro	ver Pressure psia	√ P <sub>m</sub> x1	7	F			Factor F <sub>it</sub>	1	pv	(Mcfd)	Barrel)		Gravity G <sub>m</sub>	
Wicia	'			<u> </u>		<del> </del>			. 14	1						- m
										ļ						
					(	(OPEN FL	OW) (DEI	JVE	RABILITY)	CALCUL	ATIONS			(P <sub>e</sub> ) <sup>2</sup>	= 0.20	07
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> )² =	<u>:</u>		$P_d = $		_%	(P,	- 14.4) +	14.4 = _	:		(P <sub>a</sub> ) <sup>2</sup>		
(P <sub>c</sub> ) <sup>2</sup> - (F	D 12	(0	(P_)2 - (P_)2	Choose formula 1	r 2:	LOG of	Γ -	1		sure Curve		ГЛ			Ор	en Flow
or	_	,	e/ = (, w/	2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>		formula 1. or 2.				e = "n" or	n x	LOG	Antil	og		verability R x Antilog
(P <sub>c</sub> )²- (8	₽₀)²			divided by: P <sub>c</sub> <sup>2</sup> -		and divida by:	P.2-P.2			igned rd Slope	ŀ	LJi				Mcfd)
<u> </u>			<del>-                                    </del>		*-		==		<u> </u>							
ļ <del></del>						-									ı	
Open Flor	w			Mcfd @	4.6	5 psia			Deliverabi	lity			Mcfd @ 1	4.65 psi	a	
ine i	ınders	ignec	authority, o	n behali of l	ie Ç	company, s	tates tha	t ne	-		о таке т	ne above repo Δ1	rt and tha JGUST	it ne na		
the facts st	tated t	herei	n, and that s	aid report is t	ue :	and correct	. Execut	ed t	his the	29	day of _		-		, , 2	14
									Receive CORPORATION	d LCOMMISSI	ION					
			Witness (	fany)			KANS					For	Company			
			_					S	EP 03	<u> 2014 </u>						
			For Comm	ission					-			Che	ked by			

	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator <u>Foundation Energy Management, LLC</u>
and that t correct to of equipm I here	the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records ent installation and/or upon type of completion or upon use being made of the gas well herein named. by 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  ter agree to supply to the best of my ability any and all supporting documents deemed by Commission excessary to corroborate this claim for exemption from testing.
Date:	8/29/2014
	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 form must be signed and dated on the front side as though account of annual test results.