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

Type Test	<b>:</b>				6	See Instruci	tions on Rev	erse Side	9)					
Open Flow			T B				4.00	No. 45						
De	liverat	oilty			Test Date	):				No. 15 023-21331-0	0-00			
Company FOUND		N EN	NERGY MA	NAGEMENT,	LLC		Lease RUEB F	ARM		•	44-16E	Well Nui	mber	
County CHEYENNE			Locat	•	Section 16		TWP 3S		RNG (E/W) 42W		Acres Attributed			
Field ARMEL				-	Reservoir NIOBRARA				Gas Gathering Connecti KINDER MORGAN		_			
Completic 8/31/201		te			Plug Bad 1661'	k Total Depi	th		Packer \$	Set at				
Casing Size 7", 41/2"		Weigh 17#,	nt 10.5#		Internal Diameter 9-7/8", 61/4"		Set at 306', 1702'		Perforations 1516'		™ 1554'			
Tubing Size 2-3/8"		Weigh 4.7#	nt	Internal C 1.995"	Internal Diameter 1.995"		Set at 1582'		Perforations		То			
Type Con			escribe)			d Production	n		Pump U	nit or Traveling	Plunger? Yes	/ No	_	
,	•	(An	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - G	i <sub>o</sub>	
TUBING		13				Denn	T		_		/Mater 5	3a\ /De	over) Size	
Vertical D	epin(i	H)				Pres	sure Taps				(Meter i	tun) (Pr	over) Size	
Pressure	Buildu		Shut in _3/1	3 2	14 at 4	:00 PM	(AM) (PM)	Taken		20	at	(,	AM) (PM)	
Well on L	ine:		Started 3/1	<u>4</u> 2	o <u>14</u> at <u>4</u>	:00 PM	(AM) (PM)	Taken		20	at	(	AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	<sub>in</sub> _24	Hours	
Static /			Circle one: Meter	Pressure Differential	Flowing	Well Head	Mollhood Proceure		Tubing Wellhead Pressure		Duration	Liquid Produced		
Dynamic Siz Property (inch		Provet Presi		ure in	Temperature t	Temperature t	(P <sub>w</sub> ) or (P <sub>1</sub>	) or (P <sub>e</sub> )	(P,,) o	r (P <sub>t</sub> ) or (P <sub>o</sub> )	(Hours)	(Barrels)		
Shut-In			psig (i iii)	Inches H <sub>2</sub> 0			psig	psia. 81	psig	psia				
Flow											_			
						FLOW STR	EAM ATTRI	BUTES						
	1 8/1 p/		Circle one: Meter or	Press	Grav	rity	Flowing Temperature		riation	Metered Flow	GOR		Flowing Fluid	
(F <sub>b</sub> ) (F			ver Pressure	Extension  ✓ P <sub>m</sub> x h	Fact F <sub>s</sub>	or	Factor		ector = pv	R (Mcfd)	(Cubic Fe Barrel)	Gravity	Gravity	
Mcfd			psia —————		`	<u> </u>	Fn		μŧ				G <sub>m</sub>	
				. <u>–</u>				<u> </u>						
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	::	(OPEN FLO		ERABILITY) % (P	CALCUL - 14.4) +		:	(P <sub>a</sub> ); (P <sub>d</sub> );	2 = 0.20 2 =	)7 	
(P <sub>o</sub> )²- (F	<b>5</b> \2	/5	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2	LOG of	$\overline{\Gamma}$		sure Curve	,	ГП		Op	en Flow	
ог	-	Ι,,	c) - (I-#)	2. P2 P2	formula 1. or 2.			e = "n"	- nx	LOG	Antilog		verability R x Antilog	
(P <sub>c</sub> )²- (F	3,)2			divided by: Pc2-Pw	and divide by:	P <sub>a</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	1	igned rd Slope					Mcfd)	
			Ì	٠										
Open Flor				Mcfd @ 14.	65 psia	" -	Deliverabi	lity	'	1	Mcfd @ 14.65 psi	a		
The u	ınders	igne	d authority, o	n behalf of the	Company, s	itates that h	e is duly au	thorized t	o make th	ne above repoi	t and that he ha	s knowi	edge of	
		_	-	aid report is true	and correc	t. Executed Rec	this the 29		day of A		<del>_</del>		14.	
					KA!	NSAS CORPOR	RATION COMMIS	SSION						
			Witness (	if any)		SEP	0 3 2014			For C	ompany			
	_		Fer Comr	nission	-		TION DIVISION	V		Chec	ked by			

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	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator <u>Foundation Energy Management, LLC</u>
	oing pressure information and statements contained on this application form are true and
correct to the best	of my knowledge and belief based upon available production summaries and lease records
	ullation and/or upon type of completion or upon use being made of the gas well herein named.  est a one-year exemption from open flow testing for the RUEB FARM 44-16B
	ounds 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
<b>✓</b>	is not capable of producing at a daily rate in excess of 250 mcf/D
_	e to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	Signature: Makel 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 reading shall be filed with the Wichita office no later than Pacelived.

December 31 of the year for which it single december 31 of the year for which it is interested and dated on the front side as though it was a verified report of annual test results.

SEP 0 3 2014