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

Type Tes	t:				(	See Instruc	tions on Reve	erse Side	<del>:</del> )					
Open Flow				Toot Date	Test Date:				l No. 15					
De	elivera	bilty			1651 Date	<b>.</b>				·023-20848-0	0-00			
Company FOUNDATION ENERGY MANAGEMENT, L					LLC	Lease LC ZIMBELMAN						Well Number 42-31B		
County Location CHEYENNE SENE				Section 31			TWP 3S		RNG (E/W) 41W		Acres Attributed			
Field CHERRY CREEK					Reservoi NIOBRA					thering Conne HERN STAR/	ection /KINDER MORGAN			
				Plug Bac 1680'	k Total Dept	th		Packer	Set at					
Casing Size 7", 41/2"			Weigh 17#,			Internal Diameter 9-7/8",61/4"		Set at 326', 1723'		orations 8'	To 1520'			
Tubing Size 2-3/8""			Weigh <b>4.7</b> #	t	Internal [ 1.991"	Internal Diameter 1.991"		Set at 1535'		orations	То			
					Type Fluid Production SALTWATER			Pump Unit or Traveling Plunger? Yes / No YES						
Producing TUBING	_	ı (An	nulus / Tubin	3)	% C	arbon Dioxi	de		% Nitro	gen	Gas Gr	ravity -	G <sub>g</sub>	
Vertical D		H)				Pres	sure Taps	_			(Meter	Run) (P	rover) Size	
Pressure	Builds	up:	Shut in 3/1	0 2	0_14_at_1	0:30 AM	(AM) (PM) 1	Taken		20 _	at		(AM) (PM)	
Well on Line:			Started 3/1	0_14_at_1					20					
						OBSERVE	D SURFACE	DATA			Duration of Shut-	<sub>in_</sub> 24	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Temperature Temperature		Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_o)$		Tubing ead Pressure or (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration ( (Hours)		id Produced Barrels)	
Shut-In			paig (i iii)	IIICIIGS 11 <sub>2</sub> 0			psig	psia B4	psig	psia		<del> </del>		
Flow		_												
						FLOW STR	EAM ATTRIE	UTES						
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psìa	Press Extension √ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Temperature Fa		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		(Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
													<u> </u>	
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO		ERABILITY)		ATIONS 14.4 =	:	(P <sub>a</sub> )	<sup>2</sup> = 0.2 <sup>2</sup> =	107	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sup>2</sup> -P <sup>2</sup> LOG of formula 2. P <sup>2</sup> -P <sup>2</sup> 1. or 2. and divided by: P <sup>2</sup> -P <sup>2</sup> by:		P <sub>0</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		O Antilog De		cen Flow iverability o R x Antilog (Mcfd)	
								_				<u></u>		
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabili	ty		<u></u>	fcfd @ 14.65 psi	ıa		
The t	unders	signe	d authority, or	behalf of the	Company, s	tates that h	e is duly auti -	norized t		•	t and that he ha		•	
the facts s	tated (	therei	n, and that sa	i behair of the	and correc	i. Executed KANSAS COR	₹Bicelived PORATION COM	MISSION	day of A	UGUST		<u> </u>	20 14 .	
	—		Witness (i				0 3 201			For Co	mpany			
			For Comm	ission		CONSER	VATION DIVISION			Check	ed by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC and that the foregoing 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 of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.  I hereby request a one-year exemption from open flow testing for the ZIMBELMAN 42-31B gas well 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  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 8/29/2014  Signature: 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 December 31 of the year for which itseotiveled 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.