KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Reve	erse Side))					
Open Flow				Tool Date:										
De	liveral	bilty			Test Date) ;				No. 15 023-20845- 0	0-00			
Company		N EN	NERGY MA	NAGEMENT,	LLC		Lease ZIMBELI	MAN			22-31	Well Nu	mber	
County CHEYENNE			Loca SE-NV		Section 31		TWP 3S		RNG (E/W) 41W			Acres Attributed		
Field CHERRY CREEK				Reservoir NIOBRARA					thering Conne	tion (INDER MORGAN				
Completic 2/5/2008		te			Plug Bac 1689'	k Total Dep	th		Packer.	Set at				
Casing Size 7", 41/2"			Weig 17#,	ht 10.5#	Internal Diameter 9-7/8",61⁄4"		Set at 309', 1729'		Perforations 1514'		To 1552'			
Tubing Size 2-3/8""			Weig 4.7#	ht	Internal [1.995"	Internal Diameter 1.995"		Set at 1573'		Perforations		То		
Type Con			escribe)			d Productio VATER	n		Pump U YES	nit or Traveling	Plunger? Yes	/ No		
Producing	-	ı (An	nulus / Tubir	g)	% C	arbon Dioxi	ide		% Nitrog	jen	Gas Gra	avity - C	a _g	
Vertical C	epth(l	H)				Pres	sure Taps				(Meter F	łuri) (Pr	rover) Size	
Pressure	Buildu	ıb:	Shut in1/	6 2	14 at 1	30 PM	(AM) (PM)	Taken		20	at		AM) (PM)	
Well on Line:		Started 1/1	72	0 <u>14</u> at <u>1</u>	14 at 1:30 PM		(AM) (PM) Taken		20		at(/			
						OBSERVE	D SURFACE	DATA			Duration of Shut-	_{in} _24	Hours	
Static / Orific Dynamic Size Property (inches		ze	Circle one: Meter Prover Press psig (Pm)		lemperature Tempera		wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _a)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-in			psig (Fili)	inches H ₂ O			psig	psia 116	psig	psia				
Flow														
						FLOW STF	REAM ATTRIE	BUTES	'					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Grav Fact F _c	or	Temperature Fa		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Fe Barre!)	et/	Flowing Fluid Gravity G _m	
		*												
(P _c) ² =			(P _w) ² =		(OPEN FLO	• •	ERABILITY)	CALCUL - 14.4) +			(P _a)² (P _d)²	²= 0.2	07	
(P _c) ² - (F	D 12		P _c) ² - (P _w) ²	Choose formula f or 2			Backpress	sure Curve			Y dy	· · ·	en Flow	
(P _o) ² - (F		,	c) - () w)	2. P _c ² - P _d ² divided by: P _c ² - P _d ²	formula 1. or 2 and divide	P ₆ ² - P ₈ ²	Assi	e = "n" or gned rd Slope	. nx	rog	Antilog	Equals	verability R x Antilog (Mcfd)	
									-					
Open Flov	w			Mcfd @ 14.	65 psia		Deliverabil	itv		<u> </u>	Mcfd @ 14.65 psi	 a		
The u	ınders	igned	d authority, o	n behalf of the	Company, s	tates that h	e is duly aut	horized t	o make ti	ne above repor	t and that he ha	s know	ledge of	
the facts st	tated t	herei	n, and that s	aid report is true		Receiv	this the 29 red ON COMMISSION		day of A	UGUST		,2	20 14 .	
**************************************			Witness	(if any)			2014	1		For Co	ompany			
-			For Com	nission						Chec	ked by		<u>-</u>	
					CO	ISERVATION WICHITA,	DIVISION KS							

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 22-31 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:
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 December 31 of the year for which it's integrated to acquire exempt status for the subject well. The form must be signed and dated on the front side NAS FREE NASON WAS INVESTIGATED TO Annual test results.