KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		OIVE	. 0	(=	tions on Reve			-IIADIEII	1 1201		
Open Flow Deliverabilty				Test Date:				API No. 15 -181-20542-00-00					
Company Foundation Energy Management, LLC					Lease C HELMAN			<u> </u>			1	Well Number 12-24	
County Location SHERMAN SW-NW			on	Section 24		TWP 6S		RNG (E/	w))W		Acres Attributed *		
Field GOODLAND				<u> </u>		Reservoir NIOBRARA				Gas Gathering Connection Kinder Morgan			
Completion Date 10/9/2008			Plug Back Total Depth 1480'						Packer S		-		
Casing Size 7", 4½"			Weigh	t '# 11.6#	Internal Diameter 6.538, 4.00		Set at 390', 1522'		Perforations 1286'		To 1306'	то 1306'	
Tubing Size			Weigh		Internal Diameter		Set at		Perforations		To		
Type Con	npletion	ı (De	escribe)		Type Flui	d Production	n		Pump Ur	nit or Traveling		/ No NO	
Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrog	en		Gas Gravity - G _g		
Vertical D	epth(H	l)				Pres	sure Taps				(Meter I	Run) (Prover) Size	
- Bracouro	Duildu	n.	Shut in	12/1	, 15 _{at} 7	7:30 AM	/AAA\ (DAA\ T	nkon.				(AM) (PM)	
Pressure Buildup: Shut in				12/2 2	0 at6	3:30 AM		AM) (PM) Taken					
					<u>.</u>	OBSERVE	D SURFACE	DATA			Duration of Shut-	in 25 Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu		lemperature Temperature		Casing		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H₂0	•		psig 68	psia	psig	psia_	•		
Flow													
						FLOW STR	EAM ATTRIE	UTES			_		
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Extension Fac		Flowing Temperature Factor F _{II}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G _m	
			_				· 						
(P _c) ² =		:	(P) ² =				rerability) % (P_		ATIONS 14.4 =	:	(P _a) (P _d)	² = 0.207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _o) ² - (P _w) ²		Choose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divida		Backpressure Curve Slope = "n"		n x l OG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabil	ity	·		Mcfd @ 14.65 ps	ia	
				n behalf of the							rt and that he ha CEMBER	as knowledge of, 20	
			Witness (i			Red	Ceived RATION COMMIS				Company		
			For Comm	ission		DEC	2 1 2015			Chec	cked by		

exempt si and that to correct to of equipm I here	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC 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 nent 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 HELMAN 12-24 on the grounds that said well:
	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 there agree to supply to the best of my ability any and all supporting documents deemed by Commission
Date:	ecessary to corroborate this claim for exemption from testing. 12/16/2015
	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 it was a verified report of annual test results.