KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

_ :	: en Flow liverabil				,	See Instruct		verse Side	•	No. 15 -023-	20983-00-00	
Company	,						Lease				,	Well Number
Founda	ation E	ne	rgy Manage	ment, LLC		_	DOUTH	Τ				13-16
County Location CHEYENNE N2-SW-NW					Section	16	TWP 4S		RNG (E/ 41	w) I W		Acres Attributed
Field CHERRY CREEK					Reservoii NIOBR					hering Connec ern Star/Kin	ction der Morgan	
Completic 08/26/2					Plug Bac 1346'	k Total Dept	h		Packer S	iet at		
Casing Size 7", 4 ½"			Weight 17# 11.6#		Internal Diameter 6.538, 4.00		Set at 116', 1386'		Perforations 1201'		то 1240'	
Tubing Size			Weight		Internal Diameter		Set at		Perforations		To	
2 3/8"				.7#		.995		1270'				
Type Con SINGL	Ė	•			Type Fluid Production SALTWATER				Pump Unit or Traveling Pl		ROD PUMP	
Producing ANNUL		Ann	nulus / Tubing)		% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	avity - G _g
Vertical D						Press	sure Taps			<u></u>	. (Meter F	Run) (Prover) Size
Pressure	Buildun	. ,	Shut in1	1/24 2	0 15 at 2	2:50 PM	(AM) (PM)	Taken		20	at	(AM) (PM)
Well on Li	•			1/25 2	0 15 at 2	2:50 PM	(AM) (PM)	Taken		20 .	at	(AM) (PM)
	-			_			D SURFACI				Ouration of Shut-i	24
Static / Orifice Dynamic Size Property (inches)			Circle one: Meter Prover Pressure	Pressure Differential in	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			psig (Pm)	Inches H ₂ 0			112	psia	psig	psia	. ,	
Flow		i										
_	·					FLOW STR	EAM ATTR	IBUTES				
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psla		Press Grav Extension Fact √ P _m xh , F _g		tor T	Flowing Temperature Factor F _{ft}		Metered Flori F _{pv}		GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
•							-					
/D \2		_	/D \2			OW) (DELIV						² = 0.207
$\frac{(P_c)^2 = \underline{\qquad \qquad }}{(P_c)^2 - (P_a)^2}$ or $(P_c)^2 - (P_d)^2$		$(P_c)^2 - (P_w)^2$		nose formula 1 or 2	P _d =	<u>`</u>	8 (P _c - 14.4) + Backpressure Curve Slope = "n"		1		(P _d) ² Antilog	Open Flow Deliverability
(P _c) ² - (F	, ^q) ₅			2. P _c ² -P _s ² ded by: P _c ² -P _w ²	and divide	P _c ² -P _w ²		signed ard Slope				Equals R x Antilog (Mcfd)
Open Flor	N			Mcfd @ 14.	65 psia		Deliverab	ility		Λ	/lcfd @ 14.65 psi	a
	·		I authority, on t		, •-	•	-	3	to make th	•	t and that he ha	s knowledge of
						KANSAS oo	Received	<u> </u>				
			Witness (if ar	ny)			PRPORATION		4	For Co	ompany	· ·
			For Commissi	ion		UE	C 102	ปาร์		Check	red by	

CONSERVATION DIVISION WICHITA, 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
gas well 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 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: 12/7/2015
5dio:
Signature: Lauto O'L
Signature: Jawk Olh- Title: HSE/Regulatory Tech

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.