KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	Test: (See Instructions on Reverse Side)												
= '	pen Flo eliveral				Test Date): '		API No. 15 15-023-20089-00-00					
Company FOUNDATION ENERGY MANAGEMENT, L					LLC		Lease RUEB F	Lease RUEB FARM			Well Number 1-16		
County Location CHEYENNE W2-W2-E2-NW					Section 16		TWP 3S		RNG (E/W) 42W		Acres Attributed		
Field CHERRY CREEK					Reservoir NIOBRA					nering Conn			
Completion Date 3/1/1979					Plug Bac 1701'	k Total Dept	th	Packer Se		et at			
Casing Size We 8-5/8", 41/2" 24				ht 11.6#	Internal Diameter 8.097, 4.00		Set at 283', 1687'		Perforations 1569'		то 1587'		
Tubing S 2-3/8"	Tubing Size Weight				Internal I 1.995		Set at 1569'		Perforations		То		
Type Completion (Describe) SINGLE (GAS)					Type Fluid Production SALTWATER			Pump Unit or Traveling Plunger? Yes / No YES ROD PUMP					
Producing Thru (Annulus / Tubing) ANNULUS						% Carbon Dioxide			% Nitrog	en	Gas Gr	Gas Gravity - G	
Vertical D		H)			·	Pressure Taps					(Meter I	Run) (Pr	rover) Size
Pressure Buildup: Shut in 8/25 20 15 at 1:30 PM (AM) (PM) Taken 20 at										(AM) (PM)		
Well on Line: Sta			Started 8/2	26 a	15 at 1	15 at 1:30 PM				20	at	(AM) (PM)
			· <u>.</u> .				D SURFACI				Duration of Shut-	24	Hours
Static / Dynamic Property	namic Size		Circle one: Meter Prover Press psig (Pm)	Differential in	Temperature Temper		e (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c)		T		d Produced Barrels)
Shut-In	ut-In		poig (i iii)	11101103 1120			psig	psia 70	psig psia				
Flow				l l									
	, -			1		FLOW STR	REAM ATTR	IBUTES	· · · · · ·				. '
Plate Coeffiecient (F _b) (F _p) Motd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Extension Fac		Flowing Temperature Factor F _{ft}	ature Factor		Metered Flov R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
									ļ				
(D \2 -		•	(D. \2.	_	•	, ,	ERABILITY			٠	(P _a) (P _d)	²= 0.20	07
$\frac{(P_c)^2 = }{(P_c)^2 - (P_b)^2}$ or $(P_c)^2 - (P_d)^2$		(P _c) 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 _w	LOG of formula 1, or 2. and divide	P.2 - P.2	% (P _c - 14.4) + Backpressure Curve Slope ⇒ "n" Assigned Standard Slope		, n x l	og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			e,										
Open Flow Mcfd @ 14.65 psia							Deliverab	Deliverability Mcfd @ 14.65 psia					
		-	-	on behalf of the		•	-			· ·	ort and that he ha		ledge of 20 <u>15</u>
	Witness (if any)					KCC WICHITA			For Company				
			For Com	mission		SEP 2	8 2015			Che	cked by		::
						REC	CEIVED)					

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 RUEB FARM 1-16 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: 9/21/2015
Signature: Xuclu Intrin

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.