KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				(See Instruc	tions on Rev	erse Side	?)			
	pen Flo elivera				Test Date	e:				No. 15 023-20797-0	00-00	
Company FOUNDATION ENERGY MANAGEMENT, LI			LLC		Lease RAILE				21-31	Well Number 21-31		
				Section 31		TWP 3S			RNG (E/W) 41W		Acres Altributed	
Field			Reservoi NIOBRA				Gas Gathering Conr		ection			
Completion Date				Plug Bac	k Total Dep	oth		Packer Set at				
Casing Size Weight 7", 4½" 17#, 9.5#			Internal I 9-7/8",			Set at 301', 1686'		Perforations 1484'				
Tubing Size Weight			Internal D 1.995"		Set at	t	Perforations		То			
			Type Flui	Type Fluid Production SALTWATER				nit or Traveling	Plunger? Yes	/ No		
SINGLE (GAS) Producing Thru (Annulus / Tubing)				Carbon Diox	ide	YES % Nitrogen		jen	Gas Gravity - G _g			
TUBING Vertical D		H)				Pres	ssure Taps		<u> </u>		(Meter	Run) (Prover) Size
			1/1	<u> </u>	14 1	1:30 AM						
Pressure Well ол L			Shut in									(AM) (PM)
	.1116.		Siarieu		U at					20	ai	(AM) (PM)
Static /	Orif	ice	Circle one:	Pressure	Flowing	OBSERVE Well Head	ED SURFACE Casir	 ng		Tubing	Duration of Shut-	-mnous
Dynamic 5		Size Meter Prover Pressu psig (Pm)		Differential in Inches H ₂ 0	Temperature t	,	Wellhead Pressure (P _w) or (P ₁) or (P ₀) psig psia		Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In				*			1	76	paig	psia		
Flow												
				,		FLOW STE	REAM ATTRI	BUTES			,	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension	Grav Fac F	tor	Flowing Temperature Factor F _{It}		riation actor = p*	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrei)	l Gravitu
								<u> </u>				
(P _c)*=		<u></u>	·(P_)*=		OPEN FL		/ERABILITY) %(P;	CALCUL - 14.4) +			(P _a)	² = 0.207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. P _c ² - P _c ² 2. P _c ² - P _c ² divided by: P _c ² - P _c ²	LOG of formula 1. or 2. and divide	P.2. P.2	Backpressure Curve		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flor	w			Mcfd @ 14.	65 neia		Deliverabil	ity			Vlcfd @ 14.65 ps	ia
		ioner	d authority o			states that h		_ _	n make H		t and that he ha	
		_	-	aid report is true	• •	t. Executed	-		day of A	•	- and that he ha	, 20 <u></u> .
			Witness (fany)		SE	P 0 3 20)14		For C	отралу	
			For Comm	ilssion		CONS	ERVATION DIVI 1710HITA, KS	NOISI		Chec	ked by	

exempt status ur	der penalty of perjury under the laws of the state of Kansas that I am authorized to request oder Rule K.A.R. 82-3-304 on behalf of the operator Foundation Energy Management, LLC
and that the fore	egoing pressure information and statements contained on this application form are true and
correct to the be	st of my knowledge and belief based upon available production summaries and lease records
• •	tailation and/or upon type of completion or upon use being made of the gas well herein named. uest a one-year exemption from open flow testing for the RAILE 21-31
	grounds that said well:
l further agre	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 et to supply to the best of my ability any and all supporting documents deemed by Commission my to corroborate this claim for exemption from testing.
	Signature: Well Mather 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 intended to acquire exempt status for the subject well. The form must be signed and dated on the front side and become converted to acquire exempt status for the subject well. The form must be signed and dated on the front side and become converted to acquire exempt status for the subject well.