KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(-	See Instruc	tions on Re	verse Sid	(e)					
☐ Open Flow Deliverability				Test Date:					No. 15						
		ilty				7/4/2014	ţ			053	3-21140-000				
Company TREK A		LC						Lease KANOF	POLIS FE	DERAL		1-22	Well N	umber	
County ELLSWORTH			Location SW			Section 22		TWP 16S	16S 7W		/W)	Acres Attributed			
Field KANAK						Reservoir TARKIO			Gas Gathering Co AMERICAN ENI			nnection RGIES PIPELINE, LLC			
Completion Date 10/31/05			_			Plug Back Total Depth 1814		th	Pac 17		Set at				
Casing S 4.5	ize		Weight			Internal Diameter		Set	Set at		rations 2	то 1766	· -		
Tubing Si 2.375	ize		Weight			Internal Diameter			Set at 1720		Perforations		То		
Type Con		n (De	escribe)	******	***************************************	Type Flui	d Productio	n		Pump U	nit or Travelin	g Plunger? Yes	/ No		
Producing Thru (A TUBING			nnulus / Tubing)			% c	arbon Diox	ide	% Nitroge 43.017				Gravity - G		
Vertical Depth(H)						0.000		sure Taps		45.01		(Meter Run) (Prover) Size			
			710			44 0		NGE				2"			
Pressure	Buildu		Shut in			0 14 at 8		(AM) (PM)	Taken_7	/4	20	14 at 8:00 A	M	(AM) (PM)	
Well on L	ine:	;	Started <u>7/</u>	-	20	14 at 8:	OU AIM	(AM) (PM)	Taken	··· · · · · · · · · · · · · · · · · ·	20) at		(AM) (PM)	
							OBSERVE	D SURFAC	E DATA			Duration of Shut	-in	Hours	
Static / Orifice Dynamic Size Property (inches		e e	Meler Prover Pressure		Pressure Differential in	Temperature Tempe	Well Head Temperature	Wellhead	sing Pressure P _t) or (P _c)	Wellhe	Tubing ead Pressure ir (P _n) or (P _n)	Duration (Hours)	Liquid Produced (Barrels)		
Property	(inci		psig (Pm)	Inches H ₂ 0	- t	t	psig	psia	psig	psia	·	-		
Shut-In								<u> </u>		60	100	24	\vdash		
Flow		_	<u> </u>									<u> </u>			
Plate			Circle one:	1		 	FLOW ST	Flowing	HBUTES		<u> </u>			- Flauria -	
Coeffiecient (F _b) (F _p) Mcfd		Pro	Meter or Prover Pressure psia		Press Extension P _m x h	Fact	Gravity Factor F		F	viation actor F _{pv}	Metered Flo R (Mcfd)	W GOR (Cubic Fe Barrel)	eet/	Flowing Fluid Gravity G _m	
(D.).2			(5.13			•	OW) (DELIV		•				$)^2 = 0.3$	207	
(P _c) ² =		_:_	(P _w) ²		se formula 1 or 2:	P _a =		T	P _c - 14.4) -		: :	(P _d)) ² =		
$(P_e)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(F			. P _c ² -P _a ² . P _c ² -P _a ² ed by: P _c ² -P _a ²	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog	De	pen Flow diverability is R x Antilog (Mcfd)	
												,			
							,								
Open Flo	w		_		Mcfd @ 14.	65 psia	_	Delivera	bility 25			Mcfd @ 14.65 ps	ia		
The i	unders	igned	d authority,	on be	ehalf of the	Company, s	states that h	ne is duly a	uthorized	to make t	he above rep	ort and that he h	as kno	wledge of	
the facts s	tated t	herei	in, and that	said ı	report is true	and correc	t. Executed	this the	'th	day of _	uly			20 14 .	
	 .					K	ÇC W	CHITA	<u> </u>	Ma	<u> ۱۳۸</u>	100		T	
		J#4-1	Witness For Com				EC 17		-	BIEK	ER, OPE	ERATIONS ecked by	DIRE	ECTOR	
							RECEI	VED				•			

exempt status und and that the fore correct to the bes of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator TREK AEC, LLC going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
	ounds 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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>7/7/</u> 14	
	Signature: Mark BIEKER, OPERATIONS DIRECTOR

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.