KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= '	t: pen Flow eliverabilty			Test Date		tions on Re	verse Side	, . AP	l No. 15		
Company			THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O	07/09/2	013	Lease		05	3-20723-000		Well Number
Trek AE		11					Vamhoff			#1	·
County Ellswort	h	Locati 100' E o	on f SW SE SW	Section 36		TWP 16S		RNG (E 9W	E/W)		Acres Attributed
Field Green G	arden			Reservoi Severy					thering Conn can Energies		
Completion 05/25/19				Plug Bac 3274	k Total Dept 3274			Packer	Set at		
Casing S 5.5	Size	Weigh 15.5	t	Internal [5	Diameter	Set a 326		Perfo 24 4	orations 15	то 2451	
Tubing Si	ize	Weigh 4.7	t	Internal [Diameter	Set a 244		Perfo	orations en	. To Ended	1
Type Con Single (Describe)		Type Flui Gas	d Production	n		Pump U Yes	nit or Traveling		
Producing	•	nnulus / Tubing)	% c .35	Carbon Dioxi	ide		% Nitro	•	Gas Gr .75	avity - G _g
Vertical D	Depth(H)					sure Taps	-			·	Run) (Prover) Size
2448				40 0	Flan	····				2"	
Pressure	Buildup:				AM	(AM) (PM)	Taken_Ju	ıly 9		13 at 8 AM	(AM) (PM)
Well on L	ine:	Started July	10 2	o <u>13</u> at <u>8</u>	AM	(AM) (PM)	Taken Ju	ly 10	20	13 _{at} 8 AM	(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	24 Hour
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressu	Pressure Differential re in	Flowing Temperature t	Weii Head Temperature t	Cas Wellhead (P _w) or (P	Pressure	Wellhe	Tubing ead Pressure or (P,) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	(mones)	psig (Pm)	Inches H ₂ 0	•		psig 20	psia 115	psig-	psia	24	
Flow		1									,
					FLOW STR	EAM ATTR	IBUTES				
Plate Coeffiec (F _b) (F Mcfd	ient F	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fact F _g	tor 1	Flowing Femperature Factor F _{tt}	Fa	ation ctor	Metered Flov . R (Mcfd)	GOR (Cubic Fed Barrel)	Flowing Fluid Gravity G _m
(P _c) ² =	:	(P _w) ² =		(OPEN FLO	OW) (DELIV) CALČUL. ² 14.4) +			(P _a) ² (P _d) ³	= 0.207
· c/			Choose formula 1 or 2	:			ssure Curve	14:4-		(' d/	
(P _c) ² - (F or (P _c) ² - (F		$(P_c)^2 - (P_w)^2$	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_c² 	LOG of formula 1, or 2, and divide by:	P _c ² - P _w ²	Slop	pe = "n" or signed ard Slope	пх	LOG	Antilóg	Open Flow Deliverability Equals R x Antilog (Mcfd)
			, , c , w								, ,
										-	
Open Flov	w		Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 psi	a
The L	undersign	ed authority, on	behalf of the	Company, s	tates that h	e is duly au	thorized to	make t	ne above repo	rt and that he ha	s knowledge of
,		ein, and that sa							ecember		, 20 13
<u> </u>		Witness (if	any)		KCC V	NICHE	TAN	and	le Se	ompany	· · · · · · · · · · · · · · · · · · ·
		For Commi	ssion				Halk.	Biek		ompany ctor of Op ked by	erations
					սեւ Լ) 4 201 3	1		. 5,100	,	

	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
and that the fore	going pressure information and statements contained on this application form are true and
of equipment inst	t of 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. est a one-year exemption from open flow testing for the
	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
	e to supply to the best of my ability any and all supporting documents deemed by Commissio y to corroborate this claim for exemption from testing.
	e to supply to the best of my ability any and all supporting documents deemed by Commissio

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.

MCC WICHITA

DEC 0.4 2013

RECEIVED