## مراتق

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(	See Instruct	tions on Rev	erse Side	)			
Ор	en Flow	′		·	Test Date	a·			API	No. 15	P.	
De	liverabil	ty			10/25/1					-21120-000	0 '	
Company Trek AE							Lease Reed				1-16	Well Number
County Elisworth	ר	` 1	Location % SE	)	Section 16		TWP 16S		RNG (E/	W)		Acres Attributed 320
Field Kanak					Reservoi Grand I					hering Conno an Energies		
Completic 02/01/20		)			Plug Bad 2290	k Total Dept 2580	h		Packer S None	Set at		
Casing Size 4.5		Weight 9.5			Internal Diameter 4.090		Set at 2290		Perforations 1780		то 1798	
Tubing Si None	ze		Weight		Internal I	Diameter	Set a	t	Perfo	rations	То	
Type Con Single (	•	(De	escribe)		Type Flui <b>Gas</b>	d Production	1		Pump Ur <b>No</b>	nit or Traveling	Plunger? Yes	/ No
Producing Casing	Thru (	(Anr	nulus / Tubing)		% 0 .081	Carbon Dioxi	de		% Nitrog 49.176		Gas Gr 0.856	avity - G <sub>g</sub>
Vertical D 1795	epth(H)	)				Press Flan	sure Taps ge		,		(Meter F 2.067	Run) (Prover) Size
Pressure	Buildup	: :	Shut in 10/25	5 2	13 at 8	AM	(AM) (PM)	Taken_10	)/26	20	13 <sub>at</sub> 8 AM	(AM) (PM)
Well on L	ine:	;	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orifice Size (inche		Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	tial Temperature Well Head Temperature (P <sub>w</sub> ) or (F		Casi Wellhead F (P <sub>w</sub> ) or (P <sub>t</sub>	Pressure	) (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In								120	psig	рыа	24	
Flow												
,					·	FLOW STR	EAM ATTRI	BUTES				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor Temperature		Deviation Factor F <sub>pv</sub>		-Metered Flow R (Mcfd)	GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G_m,
· · · · · · · · · · · · · · · · · · ·							~					
/D \2 -			(D. )? -		·	OW) (DELIV	,		_	•		= 0.207
(P <sub>c</sub> ) <sup>2</sup> =			(P <sub>w</sub> ) <sup>2</sup> =	oose formula 1 or 2	P <sub>a</sub> =		<u> </u>	- 14.4) +	14.4 =	;	(P <sub>d</sub> ) <sup>2</sup>	· =
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P		<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>a</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>ded by: P<sub>c</sub><sup>2</sup> - P<sub>w</sub><sup>2</sup></li> </ol>	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slope	sure Curve e = "n" origned rd Slope	nxl	.og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
											· · · · · · · · · · · · · · · · · · ·	
Open Flow	 v			Mcfd @ 14.	 65 psia	·	Deliverabil	litv			Mcfd @ 14.65 psi	
		ned	l authority on h			tatee that h			v maka #h		rt and that he ha	
										ovember	it and that he ha	_
ne iacis si	aleu ine	#1 <b>0</b> 11	n, and that said	report is true				Ma	Day of $\frac{1}{0}$	12	cl	, <sub>20</sub> <u>13</u> .
***************************************			Witness (if an	у)		: WICH		Mark	Bieke	er, Diffe	eregyr of Op	erations
			For Commissi	on	NOV	07 20	113 –			Chec	ked by	

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	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Trek AEC, LLC									
	at the foregoing pressure information and statements contained on this application form are true and									
orrec	t 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 Reed 1-16										
	ell on the grounds that said well:									
,-										
	(Check one)									
	is a coalbed methane producer									
	is cycled on plunger litt 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									
l fu	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissic									
staff as	s necessary to corroborate this claim for exemption from testing.									
Date: _	11-5-13									
_										
	Signature: Word Sales									
	Title: Mark Bieker, Direction of Operations									

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. **KCC WICHITA** 

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