Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:			(See Instruct	ions on Rev	erse Side)					
Open Flow				Total Dahar									
Deliverabilty			Test Date 10/14/2		API No. 15 15-123-20373-00-02								
Company Norstar Petroleum Inc.					BANNINIANANIANANAN'AN'E	Lease Tucker H				1	Well Number		
County Location Stanton SE SW			Section 34		TWP RNG (I 30S 41W			V)		Acres	s Attributed		
Field Beauchamp Southwest				Reservoir Morrow		Gas Gathering Connection DCP Midstream							
Completion Date May 1, 1998			Plug Bac 5150	k Total Dept									
Casing S 2.875	Casing Size Weight .875 6.5		•	Internal Diameter 2.441		Set at 4931		Perforations 5062		то 50а			
Tubing S 1.660	bing Size Weight 660 2,30		<u></u>	Internal Diameter 1.278		Set at Pe		Perfora	Perforations To				
Type Completion (Describe) Casing				Type Flui Gas	d Production	Pump Unit or Traveli No, Flowing				ng Plunger? Yes / No			
	Producing Thru (Annulus / Tubing)				Carbon Dioxi	de	·			Gas Gravity - G _g			
Vertical D	Depth(H)	managara			Pres	sure Taps	ninuu inima a maamiin		***************************************	(Me	eter Run)	(Prover) Size	
Pressure	Buildup:	Shut in Octo	ober 13	15 at 12	2:45	(AM) (PM)	taken Oc	ctober 14	1 20	15 at 12:	45	(AM) (FM))	
Well on L	_ine:	Started	2	0 at	mmmmm, r. n. n. r, r	(AM) (PM)	Taken		20	at	=101010100\summarray	(AM) (PM)	
					OBSERVE	D SURFACE	DATA			Duration of S	Shut-in _2	4 Hours	
Static / Dynamic Property	Oritice Size (inches	Meter Prover Pressu	Pressure Differential re in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead F (P _w) or (P _t	ressure) or (P _c)	Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)			
Shut-In		poig (i m)	Mendo 112			psig	psia	392.4	407.1		KCC WICHIT		
Flow											NOV	0 9 2015	
r 					FLOW STR	EAM ATTRI	BUTES			· · · · · · · · · · · · · · · · · · ·	- 80	ECEIVED	
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia	Meter or Extension		Gravity Factor F _g		Flowing Deviation Factor Factor Free Free Free Free Free Free Free Fr		Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		
			· · · · · ·										
(P _c) ² =		: (P _w) ² =	;	•		ERABILITY) % (P,		ATIONS 14.4 =	;		$(P_a)^2 = (P_d)^2 = 0$).207	
$(P_{o})^{2} - (P_{u})^{2}$ or $(P_{o})^{2} - (P_{d})^{2}$		$(P_c)^2 - (P_w)^2$ $(P_c)^2 - (P_w)^2$ $(P_c)^2 - P_c^2$ $(P_c)^2 - P_d^2$ $(P_c)^2 - P_w^2$ $(P_c)^2 - P_w^2$		LOG of formula	LOG of formula 1. or 2. and divide p 2 p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n v l De			Open Flow Deliverability Jals R x Antilog (Mcfd)	
				-						· · · -	_		
Open Flo	w W	Mcfd @ 14.65 psia				Deliverability			Mcfd @ 14.65 psia				
The	uncersiar	ned authority, or			states that h		•	o make the			<u></u>	owledge of	
		rein, and that sa						day of Oc		" ZII ~		, ₂₀ <u>15</u> .	
		Witness (il	any)			-11.01	4	3 A	1	Teitt			
	 ·	For Comm	ission				4	<i>>~</i>	Che	cked by	~		

declare under penalty of perjury under the laws of the state of Kansas that I	I am authorized to request
existent status under Rule K.A.R. 82-3-304 on behalf of the operator Norstar Petrole	
and that the foregoing pressure information and statements contained on this app	
coreset to the best of my knowledge and belief based upon available production sur	mmaries and lease records
of equipment installation and/or upon type of completion or upon use being made of	the gas well herein named.
relationship ereby request a one-year exemption from open flow testing for the Tucker H	<u></u>
garall on the grounds 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 under 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/ is urther agree to supply to the best of my ability any and all supporting documstates necessary to corroborate this claim for exemption from testing. Date: October 29, 2015	/D
Signature: Title: Engineer	

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.