KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	en Flow liverabili				Test Date 8/7/2010				API 075	No. 15 5-20306	~?		
Company Chesar		Ope	erating, Ir	nc.	3/1/2010		Lease Leven s	s .				Well Nu	mber
County Location Hamilton C- NW NW			Section 31		TWP 24S			W)		Acres A	ttributed		
Field Bradshaw				Reservoir Chase				Gas Gathering Conne Bradshaw Gas G			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Completion Date 1/12/1980				Plug Bac 2450	Total Dept	h		Packer Set at None			i i		
Casing S 1.5	asing Size Weight .5 10.5				Internal Diameter 4.052		at O	Perforations 2393		To 2400			
Tubing Size V			Weight		Internal Diameter		Set at 2438		Perforations		7		
Type Completion (Describe) Single Gas				Type Flui Water	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes Pump Unit					
Producing Annulus		Annu	lus / Tubing)	% C	arbon Dioxid	de		% Nitroge	en .	Gas Gr	avity - G	
/ertical E 2475	epth(H)		,			Press Flanç	sure Taps ge	,			(Meter F	Run) (Pr	over) Size
Pressure	Buildup:	Sr	nut in <u>8/7</u>	2	0_10 at_7	00	(AM) (PM)	Taken_8/	В	20	10 at 7:00		AM) (PM)
Vell on L	ine:	St	arted	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_24	Hours
Static / Dynamic Property	Orifice Size (inches	Meter Prover Pressu		1	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	· · · ·		psig (Pm)	Inches H ₂ 0			psig 92	psla 106.4	psig 110	124.4	24		
Flow													
				<u></u>	· · · · · ·	FLOW STR	EAM ATTR	IBUTES		* .			7
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	on Factor		Flowing Temperature Factor F _{tt}		Deviation Metered Flor Factor R F _{pv} (Mcfd)		(Cubic Feet/ Gra		Flowing Fluid Gravity G _m
										,		ŗ	
P _c) ² =		:	(P _w) ² =	· · · · · · · · · · · · · · · · · · ·	(OPEN FLO	OW) (DELIV) CALCUL P _e - 14.4) +		<u>:</u>	(P _a)	² = 0.20	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P ₂ ² P ₃ ² 2. P ₂ ² P ₄ 2. P ₂ ² P ₄ 2. P ₂ ² P ₄ 2. P ₂ ² P ₅ 4 2. P ₂ ² P ₈ 4 2. P ₂ ² P ₈ 4 2. P ₂ ² P ₈ 5 2. P ₂ ² P ₈ 4 3. EOG of tormula 1. or 2. and divide P ₂ 5 3. EOG of tormula 1. or 2. and divide P ₂ 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		P _c ² - P _w ²	Backpressure Curve Stope = "n"or Assigned Standard Stope		nxL	og 📗	Antilog ·	Deli Equals	en Flow verability R x Antilog Mcfd)
												4	
				•				-					,
Open Flo	W			Mcfd @ 14.	65 psia		Deliverab	oility	·	·	Mcfd @ 14.65 psi	ia	·.
			• •	behalf of the						e above repo vember	rt and that he ha	e e	edge of 20 10 .
			Witness (if	anv)		· · · · · · · · · · · · · · · · · · ·	_		<u></u>	For	Company	RE	CEIVE
For Commission						-	For Company Checked by					0 3 21 WICH	
											-	·	- -, -

						\$ \$.!
I declare und	er penalty of perio	ry under the laws o	of the state of K	aneae that I am a	thorized to re	aquaet
		3-304 on behalf of th		*		equesi
						uo and
_		ormation and staten		, ,		
		and belief based up				\$
	•	n type of completion	· ·		s well nerein n	arnea.
		mption from open flo	ow testing for the	9		
gas well on the gr	ounds that said we	HI:				•
(Check	one)		•	* * * * * * * * * * * * * * * * * * * *		
	is a coalbed meth	nane producer				1
	is cycled on plun	ger lift due to water				
	is a source of nat	tural gas for injection	n into an oil rese	ervoir undergoing l	ER	
	is on vacuum at t	he present time; KC	C approval Doc	ket No		
7	is not capable of	producing at a daily	rate in excess	of 250 mcf/D		4. 1
						1
I further agree	e to supply to the b	est of my ability any	y and all suppor	ting documents de	eemed by Co	mmission
staff as necessar	y to corroborate th	is claim for exempti	on from testing.			
•			•			2
Date: November	1 2010					
Dale. 11010111101						
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•		-	_ 1	5/1		
		Signature:	Dila): [/-	_	
			David Wiist - Pro	oduction Engineer		•
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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.

RECEIVED
DEC 0 3 2010

KCC WICHITA