KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instru	actions on Re	verse Side))			
= .	en Flow iverabilty			Test Date				API	No. 15	- ^~~	
Company				11/02/20	010	Lease			007-22545		Well Number
Atlas Op County	erating L	Locatio	on .	Section		TWP	SS ESTA	ATE RNG (E/	(W)	5	Acres Attributed
BARBER 2300 FSL, 1980 FEL			9		33	33 12W		•		160	
Field CHASE			Reservoir MISSIS			Gas Gathering Conne AMERICAN PIPE					
Completion Date 01/14/98				Plug Bac 4975	k Total De	epth	Packer Set at		Set at		
Casing Size Weight 5 1/2 15 1/2			Internal E 4.950	Diameter		Set at 4990		rations 9	то 4464	· · · · · · · · · · · · · · · · · · ·	
Tubing Size Weight			Internal [Diameter	Set	Set at 4470		rations	То		
	pletion (C	4.7 Describe)		1.995 Type Flui		ion				Plunger? Yes	/ No
CASING Producing Thru (Annulus / Tubing)				WATER	-			PUNIT Gen Ges (ravity - G	
ANNULUS			.003			7.1		7.114		.710	
ertical D 439	epth(H)				Pr Plf	essure Taps PE				(Meter I 4	Run) (Prover) Size
ressure	Buildup:	Shut in 11/0)22	0_10_at		_ (AM) (PM)	Taken _ 1	1/03	20	10 at	(AM) (PM)
Well on Li	ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSER	VED SURFAC	E DATA			Duration of Shut-	in 24 Hours
Static /	Orifice	Circle one: Meter	Pressure Differential	Flowing	Well Hea			Tubing Wellhead Pressure		Duration	Liquid Produced
Dynamic Property	Size (inches)	Prover Pressur psig (Pm)	re in Inches H ₂ 0	Temperature t	Temperatu t	(P _w) or (f	P ₍) or (P _c)	1	r (P _I) or (P _c)	(Hours)	(Barrols)
Shut-In						150	<u> </u>				
Flow											
		· · · · · · · · · · · · · · · · · · ·		1	FLOW S	TREAM ATT	RIBUTES				
Plate Coefficci (F _b) (F Mctd	ient P	Circle one: Meter or rover Pressure psia	Press Extension P _m x h	Extension Fact		Flowing Temperature Factor F _{It}	emperature Factor F		Metered Flow R (Mcfd)	v GOR (Cubic Fo Barrel)	Centrile
P 12 =	:	(P _w) ² =		(OPEN FL	OW) (DEL	IVERABILITY % (/) CALCUL P _e - 14.4) +				n ² = 0.207 n ² =
(P _e) ² - (F or (P _e) ² - (F	P ₂) ² (1. P _c ² · P _d ² 2. P _c ² · P _d ²		P.2. P.2	Backpre Sid	essure Curve ppe = "n" - orssigned	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog
			divided by: $P_c^2 - P_w^2$	by:		Stand	dard Slope				(McId)
								-		· <u></u>	
Open Flor			Mcfd @ 14.	65 psia		Deliveral	bility			Mcfd @ 14.65 ps	ia
The u	undersigne	ed authority, on	behalf of the	Company,	tates that	the is duly a	uthorized t	o make th	ne above repo	rt and that he ha	as knowledge of
e facts s	tated there	ein, and that sa	id report is true	e and correc	t. Execut	ed this the 4	th	day of N	lovember		, 20 10
		\$\$A\$\$!*4	nms)			<u>.</u> .	 _				RECEIVED
		Witness (if						For Company REUC			רבטיים וומריפידים יייייי
		For Commi	asion						Chec	cked by	MOA 1 5 SOL
											NOV 1 2 201

	antinetallation and/or upon type of completion or upon use being made of the gas well begoin named
	ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the BOGGS ESTATE #5
gas well of	n the grounds that said well: (Check one)
	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
	er agree to supply to the best of my ability any and all supporting documents deemed by Commissic cessary to corroborate this claim for exemption from testing.
Date: 11/0	04/2010
	Signature: Ramy H-Furras
	Title: Production Coordinator

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.