KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= :	en Flow			(e Test Date		tions on Reve	erse Side	API	No. 15		
Company	liverabilty		hill the control of t	Lease			115-20273-0000				Well Number
Shawma	ar Oil 8	Gas Co In				Boettche	er B			1	
County Location Marion NW/4			tion	Section 11		TWP 19		RNG (E/W) 4E		Acres Attributed 80	
Field Antelope				Reservoir Mississ			Gas Gathering Co Shawmar Oil-A				The state of the s
Completion Date 10/29/1976				Plug Back	k Total Dep ?5	th	Packer Set at				
Casing Size Weight 4-1/2"			ht	Internal Diameter		Set at 2374'		Perforations		То	
Tubing Size Weight 2-3/8"			ht	Internal D	Diameter	Set at 2326'		Perforations 2284'		то 2305 ',	1spf
Type Completion (Describe)			415	Type Fluid Productio			n Pump		nit or Traveling Plunger? Yes / No		
Single (Gas+Oil) Production Thru (Annulus / Tubing)				Saltwater % Carbon Dioxide			Rod Fum % Nitrogen			np Gas Gr	avity - G
Annulus			ופי	.170	STEON DICK		9.752			.785	
Vertical Depth(H)				Pressure Taps flange						(Meter Run) (Prover) Size 3.068x.375	
Pressure Buildup: Shut in 11/12		/12	20 12 at 9:00			(AM) (PM) Taken 11/12		20	12 _{at} 9:00	(AM) (PM)	
Well on L	•	Started 11/		0 <u>12</u> at <u>9</u> :	00	. (AM) (PM) 1	Taken <u>11</u>	/13		12 at 9:00	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in Hours
Static / Dynamic Property	ic / Orifice Meter Differenti Size Prover Pressure in		Differential in	Flowing Well Head Temperature t t		(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	.375	45	, menes 11 ₂ 0	60	60	psig 45	psia	psig 45	psia	24	
Flow	.375	30	2	60	60	40		40			
					FLOW ST	REAM ATTRIE	BUTES	·			
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Circle one: Meter or Prover Pressure psia		Gravity Factor F _g		Tomporatura		iation actor	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravity
(P _c) ² =		: (P _w) ²	=:	(OPEN FL	, ,	/ERABILITY) % (P _o	CALCUL - 14.4) +		·	(P _a) (P _d)	y ² = 0.207 y ² =
(P _c) ² - (I	P _a) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w	LOG of formula 1. or 2. and divide	P _c ² ~ P _w ²	Slope Assi	sure Curve e = "n" or igned rd Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo	L		Mcfd @ 14	.65 psia		Deliverabil	lity			Mcfd @ 14.65 ps	ia
The	undersig		on behalf of the	Company,		he is duly aut	thorized t	o make th	1.	ort and that he ha	. ^
the facts s	tated the	rein, and that	said report is tru	e and correc	t. Executed	d this the	20	day of _	Aug	, -,	, 20 <u>/ 3</u> .
		Witness	(if any)		,	Ž	Tób	estu)	Marie For	Company KAN	SAS CORPORATION (
		Far Com	nmission			water			Che	ecked by	AUG 2 3 2

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Shawmar Oil & Gas Co-FAC. and that the foregoing pressure information and statements contained on this application form are true and correct 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 Boettcher R & I gas well on 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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Signature: <u>CranySellle</u> Title: <u>President</u>

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 RECEIVED signed and dated on the front side as though it was a verified report of annual test results. KANSAS CORPORATION COMMISSION