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

_ :	: en Flo liverab			-		Test Date	:	ructi	ions on Reve	rse Side,	API N					
Company	<del>-</del> -	<u> </u>	- 0- 1			12/12/20	014	`	Lease		15-01	7-20832 -		Well Nu	ımber	
Shawmar Oil & Gas Co., Inc  County Location				Section				TWP RNG (E/W)			2-18 Acres Attributed					
Chase C NW/4 SE/4				18			18	18 7E								
Field Davis					Reservoir <b>Admire</b>				Gas Gathering Conn Shawmar Oil & Gas			ection s Co., Inc Antelope				
5/20/200		е				Plug Back 602	(Total D	epti	h		Packer Set	at				
Casing Size Weight 4.5				Internal Diameter			Set at		Perforations 371		то <b>377</b>					
Tubing Size Weight none				Internal Diameter			Set at		Perforations		То	То				
Type Con single	npletio	n (De	escribe)			Type Fluid	d Produc	ction	1		Pump Unit	or Traveling	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing)				% Carbon Dioxide			de			% Nitrogen		Gas Gravity - G				
Casing Vertical Depth(H)				.36	P	ress	sure Taps		14.94		.7057 (Meter Run) (Prover) Size					
371-377				flange								eter ru				
Pressure	Buildu	n: :	Shut in 12	/11	20	14 at 10	0:00an	ו	(AM) (PM) T	aken .	2-11	. 20	14 at 10:00a	am	(AM) (PM)	
Well on L		•		1-1									14 at 1000			
							OBSER	RVE	D SURFACE	DATA	-		Duration of Shut	<sub>in</sub> 24	Hours	
Static / Dynamic Property			Circle one: Meter Prover Pressure		Pressure Differential in	rential Flowing		ad ture	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>I</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
			psig (Pm	)	Inches H <sub>2</sub> 0	_	t		psig	psia	psig	psia	04	+		
Shut-In									9				24	0		
Flow	l								4		l		<i>34</i>	0		
-							FLOW S	STR	EAM ATTRIE	UTES		<u> </u>		-	1	
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>ft</sub>		Deviation Factor F <sub>pv</sub>		Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
						(OPEN EL (		ı ıv	ERABILITY)	CALCIII	ATIONS	<u> </u>				
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup>	=	:	P <sub>d</sub> =		°	=	- 14.4) +		;	(P <sub>a</sub> )	) <sup>2</sup> = 0.2 ) <sup>2</sup> =	207	
$(P_o)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>			ose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> (sd by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by:		1 1		= "n" :r gned	nχLC	eG [	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)	
Open Flo	·w		<del></del>		Mcfd @ 14.				Deliverabili	itv			Mcfd @ 14.65 ps	] sia		
		inne	d authority	on h		·	tates th	at h		<u>-</u>	o make the	shove ren	ort and that he h		wledge of	
		•	•			• •			this the 22			cember	2000		20 14 .	
			\$4ther co	. 154	ut.		KANSAS C	R ORP	<b>eceived</b> ORATION COMM	Moissil	tel					
			Witnes	•					3 1 2014			- ror	Company			
			For Cor	nmissio	on		CONSE	RVA	ITION DIVISIOI HITA, KS	Ň.		Che	cked by			

exempt status und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Shawmar Oil & Gas Co., Inco
	of my knowledge and belief based upon available production summaries and lease records
	llation and/or upon type of completion or upon use being made of the gas well herein named. st a one-year exemption from open flow testing for the Harshman 2-18
gas well on the gro	ounds that said well:
(Check	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
_	to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 12/22/2014	
	Received Signature: Signature: President  DEC 3 1 2014  DINSERVATION DIVISION WICHITA, KS

## 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.