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

Type Tes	t:				(	(See Instruc	tions on Re	verse Side	<del>)</del> )				
Open Flow					Test Date	n•			ΔDI	No. 15			
✓ Deliverabilty					12/31/2			API No. 15 15-1 <b>75-21</b> 160 <b> 0 800</b>					
Company FOUR STAR OIL & GAS					t		Lease BURNI	· · · · · · · · · · · · · · · · · · ·			Well Number 22-2		
County Location SEWARD NW/SW/SW				Section 22		TWP 31S		RNG (E/ 32W	W)		Acres Attributed		
Field 31 SOUTHWEST				Reservoi LOWEF	r R MORRO	W	Gas Gathering ONEOK		. •	ection			
Completion Date 02/19/1991				Plug Bac 5715'	k Total Dep	th	Packer Set a		et at				
Casing Size 5.5"			Weigi 17#	nt	Internal Diameter 4.892"		Set at 5802'		Perforations 5527'		то 5575'		
Tubing Size 2 3/8"			Weigl 4.7#	nt	Internal Diameter 1.995"		Set at 5570'		Perforations		То		
Type Con			escribe)		Type Flui	id Productio	n		Pump Un PUMP	it or Traveling UNIT	Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) ANNULUS				% c	Carbon Diox	ebi	% Nitrogen 3.770		en	Gas Gravity - G <sub>9</sub>			
Vertical D		<del>1</del> )			.200			re Taps			(Meter	(Meter Run) (Prover) Size	
Pressure	Buildu	ID:	Shut in 12	29 2	20_14_at_1			Taken_12	2/31	20	14 <sub>at</sub> 2:15 F	PM (AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					_	OBSERVE	D SURFAC	E DATA			Duration of Shut-	-in Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Hea		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>o</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			paig (i iii)	menes 11 <sub>2</sub> 0			32.7	psia 47.1	psig	psia			
Flow													
,						FLOW STE	REAM ATTE	IBUTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mctd		Circle one: Meter or Prover Pressure psla		Press Extension ✓ P <sub>m</sub> xh	Grav Fac F	tor	Flowing Temperature Factor F <sub>1</sub> ,		lation otor pv	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	l Gravity l	
L					(OPEN FL	OW) (DELIV	ERABILITY	) CALCUL	ATIONS	<u>-</u>	(P.)	<sup>2</sup> = 0.207	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		% (	P <sub>c</sub> - 14.4) +	14.4 =	<u> </u>		2 =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2  1. $P_o^2 - P_a^2$ 2. $P_o^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpressure Ci Slope = "n"		n x L	.og [ ]	Antilog	Open Flow Defiverability Equals R x Antillog (Mcfd)	
												<u> </u>	
Open Flo	w			Mcfd @ 14.	.65 psia		Deliveral	oility			Mcfd @ 14.65 ps	la .	
The (	unders	igne	d authority, o	n behalf of the	Company, s	states that h	ne is duly a	uthorized t	o make th	e above repo	ort and that he ha	as knowledge of	
the facts s	tated t	here	in, and that s	aid report is tru	e and correc	t. Executed	this the	ستولغ	day of	Jan ua	ry Oml	, 20 <u>.<b>45</b></u> .	
-			Witness (	if any)		Kec	: MIC:	11 11 X	Ø*	Ford	Company		
			For Comr	nission		FEB	13 20	15		Che	cked by		
								:~*					

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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 FOUR STAR OIL & GAS								
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 BURNHAM #22-2								
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.								
Date: 01/08/2015								
KCC WICHITA Signature: Ledge  FEB 13 2015  Title: Measurement Specialist  RECEIVED								

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.