KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				0	See Instruci	tions on Re	verse Side)					
Op	en Flov	٧			Test Date) :			API	No. 15				
√ De	liverabi	lty			12/31/20					189-10071 -	-0000			
Company FOUR STAR OIL & GAS				Lease D.L. HAWORTH			WORTH			2	Well Number 2			
County STEVENS			Location C/SE/SE		Section 6		TWP 35 S		RNG (E/W) 35W		Acres Attributed		outed	
Field GOOCH			Reservoir MORRO			Gas Gathering Co ONEOK			ection					
Completic 01/1964		9			Plug Bac 6670'	k Total Dept	th		Packer S	et at				
Casing Size 5.5"			Weigh 14#	t	Internal Diameter 5.012"		Set at 6667'		Perforations 6215'		то 6329 '	ı		
Tubing Size 2.068"			Weigh 3.4#	t	Internal Diameter 1.75"		Set at 6009'		Perforations		То			
Type Con			scribe)		Type Flui	d Production	1	 	Pump Ur PUMP	nit or Traveling UNIT	Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% C	arbon Dioxi	de	e % Nitro 2,457		-		s Gravity - G			
Vertical Depth(H) 6272'					Pressure Taps FLG				2.407			Run) (Prove	r) Size	
Pressure	Bulldur	o: 8	Shut In	29 2	14 at 1			Taken_12	2/31	20	14 at 12:40	PM (AM)) (PM)	
Well on L											at) (PM)	
				•		OBSERVE	D SURFAC	E DATA			Duration of Shut		Hours	
Static / Dynamic			Circle one: Meter Prover Pressu	1	remperature rempera		Molihoad Proceuro		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 51,4	psia 65.8	pslg	psia		+		
Flow							01,-1					 		
					ı	FLOW STR	EAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd			Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m xh	Grav Fact	tor ¹	Flowing Temperature Factor F _{1t}		iation ctor	Metered Flo R (Mcfd)	w GOR (Cubic Fo	eel/	Flowing Fluid Gravity G _m	
(P _c) ² =		:	(P _w) ² =	:	(OPEN FLO	OW) (DELIV) CALCUL ² 14.4) +		:) ² = 0.207) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_0^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P.2-P.2	Backpressure Curve Slope = "n" 		nx	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
_		_			-		_		-					
Open Flor	w			Mcfd @ 14.	65 psia		Deliverat	ollity			Mcfd @ 14.65 ps	 sia		
The (undersi	•	•		Company, s		ne is duly a	uthorized t	o make the	Sanu	ort and that he h			
			Witness (f any)		KCC	WICH:	TT-A		For	Company			
\- _ -			For Comm	nission	•	FEB	3 2015			Che	cked by			
							CEIVED							

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 D.L. HAWORTH #2 gas well on the grounds that said well:
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:
KCC WICHITA Signature: Louis Louis FEB 13 2015 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.