KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instru	uctions on Re	verse Side	e)			
√ Op	en Flo	W				Test Date	· ·			۸DI	No. 15		
Deliverabilty				10/20/2013				API No. 15 15-007-22785 — 0000					
Company		Op	perating,	Inc	•		2	Lease Brass				2-17	Well Number
County Barber	•				Section 17		TWP 35S			/W)	Acres Attributed		
Field AETNA	GAS A	ARE				Reservoir MISSIS				Gas Gas ATLAS	thering Conn	ection	
Completion Date 5/26/2004					Plug Bac 5253	k Total De	epth			Set at			
Casing S 4.5	Casing Size Weight .5 .10.5				Internal E 4.090	Diameter		Set at 5395		orations 0	To 5190		
Tubing Size Weight 2-3/8 4.7					Internal E	Diameter		Set- at 5165		orations	То		
Type Completion (Describe) Single Gas					Type Fluid Production WATER					nit or Traveling Plunger	g Plunger? Yes / No		
Producing Thru (Annulus / Tubing) Tubing					% Carbon Dioxide				% Nitrog		Gas Gravity - G _g		
Vertical Depth(H) 5180				Pressure Taps FLANGE				 .		(Meter F	· · · · · · · · · · · · · · · · · · ·		
Pressure	Buildu	p: :	Shut in 10	/20	2	0_13 at_8			Taken_1	0/21	20	13 8:00	(AM) (PM)
Well on L	ine:											at	(AM) (PM)
							OBSER\	/ED SURFAC	E DATA			Duration of Shut-	in_24Hours
Static / Orifice Dynamic Size		е	Meter Prover Pressi		Pressure Differential in	Flowing Temperature	Well Head Temperature	d Wellhead	Casing Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Tubing ead Pressure or (P,) or (Pc)	Duration (Hours)	Liquid Produced (Barrels)
Property Shut-In	(inch	es)	psig (Pm)	Inches H ₂ 0	<u>t</u>	t	psig	psia	psig	psia		
Flow					•			265	279.4	265	279.4	24	
	L						FLOW S1	TREAM ATTE	UBUTES				<u></u>
Plate	,		Circle one:		Press	Τ _		Flowing		•			Flowing
Coeffied (F _b) (F Mcfd	eient	Meter or Prover Pressure psia			Extension $P_m x h$	Fact	Gravity Factor F		Factor F ₁₁		Metered Flor R (Mcfd)	w GOR (Cubic Fed Barrel)	ا التاسط
			,		•								
'D 12			, (D.)3			-		IVERABILITY	•				2 = 0.207
(P _c) ² =	T	_:	(P _w) ²		ose formula 1 or 2:	P _d =		,	P _c - 14.4) +		<u>:</u>	. (P _d) ²	=
(P _c) ² - (l or (P _c) ² - (l		(P _c) ² - (P _w) ²		 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_w² 		LOG of formula 1. or 2. and divide p 2 - p		Backpressu Slope: or Assig		n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				divid	led by: Pc - Pw	by:	سست تبا	J	lard Slope		<u> </u>		(mora)
						!							
Open Flo	w				Mcfd @ 14.	65 psia		Deliverat	oility		,	Mcfd @ 14.65 psi	a
												ort and that he ha	s knowledge of
io iacio S	iaieu II	101 EI	ii, aiiu tilat t	aiu	report is true	anu correc	i. Execute	ed this the 1		uay oi			, 20
			Witness	(if any	/)	· · · · · · · · · · · · · · · · · · ·		-			Fort	Company	KCC WIC
			For Com	missic	on .			-			Che	cked by	DEC 12 2
					,			•					RECEN

I declare under penalty	· · ·				d to request
exempt status under Rule K. and that the foregoing pres					are true and
correct to the best of my kno		•	, , ,		•
of equipment installation and	•	·	•		•
I hereby request a one-y	year exemption from	open flow testing for	the Brass 2-1	7	
gas well on the grounds tha					
(Check one)	,		•		
٠	oed methane produc				
	I on plunger lift due t				
	ce of natural gas for	-		joing ER	
	cuum at the present t			<u> </u>	
✓ is not ca	pable of producing a	it a daily rate in exce	ess of 250 mcf/[)	
I further agree to supply	•		·	ents deemed b	y Commission
staff as necessary to corrob	oorate this claim for (exemption from testi	ng.		
Date: 12/11/2013	<u> </u>				
•			•		
			10.	1	
		5000		(1540)	
	Signa	ture: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Hone	
	3	\sim \sim		(\ 1	

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. KCC WICHITA

DEC 12 2013

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