KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	: en Flov	v			(See Instruct	tions on Re	verse Side)			
Deliverabilty					Test Date: 12/07/2013				API No. 15 15007230900000			
Company Osage Resources, LLC					Lease Osage				Well Numbe No. 105			
County Barber	County Location				Section 2					/W)		Acres Attributed
Field Aetna Gas Area					Reservoir Lansing		Gas Gathering C Osage Gather					
Completion Date 01/18/2007					Plug Bac 5344'	k Total Dept						
Casing Sit	Casing Size 5 1/2"			Weight 15.5		Internal Diameter 4.95"		Set at 5387'		orations 2'	то 4332'	
Tubing Siz 2 7/8"	Tubing Size 2 7/8"			Weight 6.5		Internal Diameter 2.44"		Set at 4863'		orations	То	
Type Completion (Describe) Acid/Sand Frac				* Total to foreign design	Type Flui Gas &	d Production Water				mp Unit or Traveling Plunger? ump Unit		/ No
Producing Thru (Annulus / Tubing) Annulus					% C	% Carbon Dioxide			% Nitrogen Gas			avity - G _g
Vertical D	epth(H))				Pres	sure Taps				(Meter F	Run) (Prover) Size
Pressure I	Buildup): S	12/0	7 2	0_13_at_8:	00 .	(AM) (PM)	Taken 12	2/09		13 at 10:00	(AM) (PM)
Well on Li	ne:	S	tarted	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
,						OBSERVE	D SURFAC	E DATA	7		Duration of Shut-i	in Hours
Static / Dynamic Property	ynamic Size		Circle one: Pres Meter Differ Prover Pressure i psig (Pm) Inche		Temperature t		Casing Wellhead Pressure (P_w) or (P_c) psig psia		Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$ psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In							41	psia	parg	рыш		
Flow						5.00.055						
Plate		С	ircle one:		Т		Flowing	BUTES				Flowing
Coefficient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac F	or Temperature		Fa	iation ctor :	Metered Flor R (Mcfd)	w GOR (Cubic Fee Barrel)	ا تسنیا
					(0051451	DUO (BELO)	55.00.47					
(P _c) ² =		:	(P _w) ² =_	;	P _d =	OW) (DELIV] CALCUL ² c - 14.4) +		:	(P _a) ² (P _d) ²	2 = 0.207 2 =
(P _e) ² - (P or (P _e) ² - (P		(P _c) ² - (P _w) ²		1. P ² -P ² LOG of formula 1. or 2. 2. P ² -P ² 1. or 2.		p2_p2		ssure Curve pe = "n" - or signed lard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
		•					ļ					
Open Flam				Maid @ 44	65 polo		Dativers	silieu.			Motel @ 14.05 - :	
Open Flov				Mofd @ 14.			Deliverab				Mcfd @ 14.65 psi:	
				behalf of the						he above repo December	ort and that he ha	s knowledge of, 20 <u>13</u> .
			Witness (if	any)							Company	
							-					KCC WI
			For Commis	ssion						Che	cked by	

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	er penalty of perjury under the laws of the state of Kansas that I am authorized to request								
exempt status und	ler Rule K.A.R. 82-3-304 on behalf of the operator Osage Resources, LLC								
and that the foreg	joing pressure information and statements contained on this application form are true and								
correct to the bes	of my knowledge and belief based upon available production summaries and lease records								
	allation and/or upon type of completion or upon use being made of the gas well herein named.								
I hereby requ	est a one-year exemption from open flow testing for the Osage No. 105								
gas well on the gr	ounds 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								
_	e 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: <u>12/27/2</u> 013									
	Signature: Land Administrator								

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.

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