KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					(See Instruc	tions on Re	everse Side	p)				
= '	en Flov Iiverabi				Test Date 12/07/2				API	I No. 15209 00723	000		
Company		-	- 116		12/0//2	.013	Lease		150	00123 933 0		Well Number	
Osage Resources, LLC County Location					Osage Section TWP			No. 108 RNG (E/W) Acres Attributed					
Barber SE NE SW				13		338	33S 15W				TOTOS MINIDAREO		
Field Aetna Gas Area				Reservoir Mississ		Gas Gathering Con Osage Gathering			ection				
Completion Date 10/29/2007				Plug Bac 5407'	k Total Dep	th	Packer Set at						
Casing Size Weight 5 1/2" 15.5				t	Internal (4.95"	Diameter	Set at 5466'		Perfo 481	orations 9'	т _о 5257'		
•			Weigh	t	Internal Diameter		Set at 5142'		Perfo	orations	То		
Type Completion (Describe) Acid/Sand Frac					d Productio	ı Pı			nit or Traveling	Plunger? Yes	Plunger? Yes / No		
Producing Thru (Annulus / Tubing)						% Carbon Dioxide			Pump Unit % Nitrogen		Gas Gravity - G		
Annulus Vertical D		١				Dran	sure Taps				(Mate -	Run) (Prover) Size	
	Spunt!	,				r:165						idil) (i lovel) Size	
Pressure	Buildup	o: 5	12/0 Shut in)72	0_13_at_8:	.00	(AM) (PM)	Taken 12	2/09	20	13 at 10:00	(AM) (PM)	
Well on Li	ine:	5	Started	2-	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
		•				OBSERVE	D SURFAC	E DATA			Duration of Shut-	in Hours	
Static / Dynamic	Orific	ize Prover Pres		Differential	Flowing Temperature	Well Head Temperature	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Wellhe	Tubing ead Pressure	Duration (Hours)	Liquid Produced (Barrels)	
Property (inc		hes) psig (Pm		Inches H ₂ 0	- t	t	psig	psia	psig		(Darreis)		
Shut-In				i			25						
Flow					*·	51.014.075							
Piate			Circle one:	Press			Flowing					Flowing	
Coefficient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Extension P _m xh	Grav Fac F	tor	Temperature Factor	Fa	iation ctor 	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	l cuia l	
			<u>,</u> .										
(P _c) ² =		•	(P _w) ² =		(OPEN FLO	OW) (DELIV		') CALCUL P _c - 14.4) +			(P _a) ² (P _d)	² = 0.207	
(P _c) ² - (F	P _s) ²	- · (P,		Choose formula 1 or 2.			Backpre	essure Curve			(, ,)	Open Flow	
or (P _c) ² - (P _d) ²				2. P _c ² -P _d ² 1. o and o divided by: P _c ² -P _w ² by		P.2-P.2	Assigned Standard Slope		n x LOG		Antilog	Deliverability Equals R x Antilog (Mcfd)	
Open Flov				Mcfd @ 14.			Deliverat				Mcfd @ 14.65 psi	1888	
				behalf of the							rt and that he ha	s knowledge of, 20 <u>13</u> .	
			Witness (if	any)			-			For C	Company	KCC W	
		-	For Comm	ission	•		-			Chec	ked by	7,0071	

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	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request										
	status under Rule K.A.R. 82-3-304 on behalf of the operator Osage Resources, LLC										
	t 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.											
gas we	I 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											
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission										
taff as	necessary to corroborate this claim for exemption from testing.										
Date: <u>1</u>	2/27/2013										
	Signature: All Hill Clubb										
	Title: 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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