KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: '				(See Instruc	tions on Re	verse Side)			
	en Flow				Test Date	9 :			API	No. 15		
De	liverabilt	У			10/26/1	1			15-	007-22663-0	0000	
Company WOOLS		ER	ATING COM	MPANY, LLC			Lease BARTH	OLOW			#1	Well Number
County Location BARBER NW SW SE				Section 33		TWP 32S		RNG (E/W) 12W			Acres Attributed	
Field MEDICIN	NE LO	OGE	E-BOGGS		Reservoir MISSIS	SIPPIAN			Gas Gat APC	hering Conne	ection	
Completion Date 8/9/01				Plug Bac 4909	Plug Back Total Depth 4909			Packer S NONE	Set at			
Casing S 4.500	Casing Size Weight				Internal I 4.052	Diameter	Set at 4954		Perforations 4446		то 4456	
	Tubing Size			1	Internal Diameter		Set at 4600		Perforations OPEN		То	· · · · · · · · · · · · · · · · · · ·
2.375 4.70 Type Completion (Describe) SINGLE				Type Fluid Production OIL, WATER				Pump Unit or Traveling Plunger? Yes / No PUMPING				
Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitrogen		Gas Gr	Gas Gravity - G	
Vertical D				·		Pres	sure Taps				(Meter	Run) (Prover) Size
4551 Pressure	Buildun		Shut in10/2	25/11 ,	n at		(AM) (PM)	Taken 10)/26/11	20	at	(AM) (PM)
Well on Line:			Started 20									
						OBŞERVE	D SURFAC	E DATA			Duration of Shut	in Hours
Static /	Dynamic Size		Circle one: Meter	Pressure Differential	Flowing Temperature	Well Head Temperature	I Wallhaad Praccura		Tubing Wellhead Pressure (P _w) or (P _t) or (P _e) psig psia		Duration	Liquid Produced (Barrels)
Property			Prover Pressu psig (Pm)	re in Inches H ₂ 0	t	t					(Hours)	
Shut-In		-					50		50	-	24	
Flow						FI OW STE	REAM ATTR	IRIITES	L			
Plate			Circle one:				Flowing					Flowing
Coeffiec (F _b) (F	Coeffiecient		Meter or ver Pressure psia	Press Extension P _m x h	Grav Fac F	or Temperature		Fa	iation ictor pv	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	et/ Fluid
.=					•	, ,	ERABILITY	•		_		² = 0.207
(P _c) ² =		:		Choose formula 1 or 2	P _d =		<u></u>	P _c - 14.4) +	1 "	 :	(P _d)	² =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _o ² -P _a ² 2. P _o ² -P _d stivided by: P _o ² -P _d	1. P ₀ ² - P _a ² LOG of formula 2. P ₀ ² - P _d ² 1. or 2. and divide		Backpressure Curve Slope = "n"or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equats R x Antilog (Mcfd)
								•				
				****	05 - 1		<u> </u>	- TREA			14-44 C 44 55	<u> </u>
Open Flo	w			Mcfd @ 14.	.65 psia		Deliverat	Dility			Mcfd @ 14.65 ps	ıa
	_		- ·	behalf of the	, ,		_			ne above repo	rt and that he ha	as knowledge of
			,					Wm		1	2	RECEIVED
			Witness (if				-			€ For C	Company	DEC 3 0 2011
			For Comm	ission						Che	cked by	CC WICHITA

	r penalty of perjury under the laws of the state of Kansas that I am authorized to request or Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
	ring pressure information and statements contained on this application form are true and
correct to the best of	of my knowledge and belief based upon available production summaries and lease records
	ation and/or upon type of completion or upon use being made of the gas well herein named. st a one-year exemption from open flow testing for the BARTHOLOW #1
gas well on the gro	
(Check o	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
	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: 11/11/11	
	Signature: Wm R. Allanga
	Title: FIELD MGR.

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.