KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				((See Instruc	tions on Re	verse Side)				
Open Flow							A DI	N= 45					
Deliverabilty			7/26/11	Test Date: API No. 15 7/26/11 15-007-23					0000				
Company		ERATI	NG COM	IPANY, LLC			Lease Nossan	nan		* 11 2 \$ 12 	1	Well Nu	ımber
County BARBER			Locatio SE SE N		Section 10		TWP 34S		RNG (E/W) 14W		Acres Attributed		Attributed
Field AETNA						r SIPPI		Gas Gath APC		hering Conn	ection		
Completic 8/8/08	on Date	**************************************			Plug Bac 5148	k Total Dep	th	Packer Se NONE		et at			
Casing Size 4.500			Weight 10.50		Internal Diameter 4.052		Set at 5190		Perforations 4752		то 4910		
Tubing Si 2.375	Tubing Size		Weight 4.70		Internal Diameter 1.995		Set at 4802		Perforations		То		
Type Completion (Describe) SINGLE					Type Flui	d Productio				Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% Carbon Dioxide				% Nitrog	Gas G	Gas Gravity - G _g			
Vertical D						Pres	sure Taps				(Meter	Run) (P	rover) Size
4802													
Pressure	Buildup	: Shut	in <u>7/25</u>	/11 2	0 at		(AM) (PM)	Taken_7/	26/11	20	at		(AM) (PM)
Well on L	ine:	Starte	ed	2	0 at		. (AM) (PM)	Taken		20	at	((AM) (PM)
						OBSERVE	ED SURFAC	E DATA			Duration of Shu	t-in	Hours
Static / Orific Dynamic Size Property (inche		Provi	ircle one: Meter er Pressure sig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		(P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration Liq (Hours)		d Produced Barrels)
Shut-In	Shut-In		9 (****)	menos ri ₂ o			400	psia	psig psia 250		24		
Flow													
						FLOW ST	REAM ATTR	IBUTES					, , ,
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac F _c	or Temperature		Fa	riation actor = pv	Metered Flow R (Mcfd)	(Cubic F	GOR (Cubic Feet/ Barrel)	
					10	<u> </u>							
(P _c) ² =		:	(P _w) ² =_	:	(OPEN FL	, ,	/ERABILITY % (F) CALCUL ² c - 14.4) +		:		$()^2 = 0.2$ $()^2 = $	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		1. P _c ² · P _d ² 2. P _c ² · P _d ²	LOG of formula 1, or 2, and divide		Backpressu Slope = or Assigr		, n x t	.06	Antilog	O _f Del Equals	pen Flow iverability B R x Antilog (Mcfd)
			<u>di</u>	vided by: P _c ² - P _u ²	by:		Stand	ard Slope					(Incid)
Open Flo	w	Mcfd @ 14.65 psia					Deliverability		Mcfd				
	_		-				-			e above repo	ort and that he h		•
uie iacis s	iated the	erein, an	u inai sak	d report is true	aua correc	ii. Executed	inis the <u>''</u>	7/s	day of A	H.M	Jan La		₂₀ <u>11 </u>
			Witness (if a	иу)			.	_e.v_/1	~ ^ - (For	oppany		C 3 0 2
			For Commis	sion			-			Che	cked by		······································

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 WOOLSEY OPERATING CO., LLC
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 NOSSAMAN 1
gas well 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
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:
Signature: Was Hallays
Title.

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.