KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Reve	erse Side)		•			
Open Flow			Toet Date	Test Date: API No. 15										
Deliverabilty				04/27/2011 15-07					. 0000					
Company Cimarex		gy C	Co.				Lease Shelton	•			No. 3	Well N	umber	
County Location Greeley NW, SW, SE				Section 36				RNG (E 40W	/W)		Acres Attributed			
				Reservoir Towanda / Ft. Riley				thering Conn lidstream	ection					
				Plug Bac 3079	Plug Back Total Depth 3079				Set at					
_			Weigh 10.5	t	Internal [Internal Diameter		Set at 3100		Perforations 2940		то 2994		
Tubing Size 2 3/8"			Weigh	it	Internal Diameter		Set at 3029		Perforations		То	То		
Type Con Single	npletio	n (D	escribe)	··· ,	Type Flui Salt W	d Production				nit or Traveling ing unit	Plunger? Yes	s / No		
Producing	-	(An	nulus / Tubin	9)		arbon Dioxi	de		% Nitrog		Gas (Gravity -	<u>G,</u>	
Annulus Vertical D		1/				Droo	sure Taps				/h.t.	- D \ /5		
vertical L	opui(r	٦)				Pres	sure raps				(Mete	r Hun) (F	rover) Size	
Pressure	Buildu	ıp:	Shut in 04/	26	20_11 at_1	0:00	(AM) (PM)	Taken 04	/27	20	11 at 10:00)	(AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM) 1	Taken		20	at		(AM) (PM)	
			,			OBSERVE	D SURFACE	DATA			Duration of Shu	_{It-in} _24	Hours	
Static / Orifice Dynamic Size Property (inches			Circle one: Meter Prover Pressu	- 1	Flowing Well Head Temperature t		Casing Wellhead Pressure $(P_w) \propto (P_t) \propto (P_e)$		Tubing Wellhead Pressure (P _m) or (P ₁) or (P ₀)		Duration (Hours)		id Produced Barrols)	
Shut-in	· ·		psig (Pm)	Inches H ₂ 0		· ·	psig 22	psia	psig	psia			- 	
Flow											··· ••			
r						FLOW STR	EAM ATTRIE	BUTES				<u> </u>		
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Fact	Gravity Te Factor Te F _g		Deviation Factor F _{ev}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
													<u></u>	
(P _c) ² =		:	(P _w) ² =	:	(OPEN FLO		ERABILITY) % (P_	CALCUL: - 14.4) +	-			$)^2 = 0.2$ $)^2 = $	207	
$(P_e)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(F	(P _w) ² - (P _w) ²	1. P _c - P _a 2. P _c - P _d	LOG of formuta 1. or 2. and divide	b.s. b.s	Backpressure Stope = "i		n x	roe	Antilog	O ₁ Det	Open Flow Delivorability Equals R x Antilog	
				divided by: $P_{\underline{z}}^{2} - P_{\underline{w}}^{2}$	2 by:	<u> </u>	Standar	d Slope		L 4		_	(McId)	
							<u> </u>					_	,	
Open Flow				Mcfd @ 14.	65 psia	5 psia		Deliverability		Mcfd @		14.65 psia		
The u	ındersi	ignec	authority, or	behalf of the	Company, s	tates that he	e is duly auth	norized to	make th	ne above repo	rt and that he h	nas know	rledge of	
the facts st	tated tl	herei	n, and that sa	id report is true	and correct RE(ENED	this the 11		tay of Ja	anuary			20 12	
			Witness (ii	any)	MAL	1 3 201	2 -4	_:ln	rare	For C	ompany 9	6		
			For Comm	ssion	KCC I	MICHI"	7A —			Chec	ked by			

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator <u>Cimarex Energy Co.</u>
and that the fore	going pressure information and statements contained on this application form are true and
correct to the bes	st 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. uest a one-year exemption from open flow testing for the Shelton No. 3
	rounds that said well:
	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 et to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: 01/11/201:	RECEIVED JAN 13 2012 KCC WICHITA
	Signature: Heling Inch WICHITA
	Title: Administrative Assistant

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.