KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Re	verse Side	∌)				
□ Ор	en Flo	w											
✓ Deliverabilty				Test Date: 08/27/2009			API No. 15 023-20715 ეტა						
Company	,				00/21/2		Lease			2 201 10 00		Well Nu	mber
Petroleu	m De	velo	pment Corp	oration			Gemael	hlich			4418	} 	
County Cheyenne		Locati SESE	on	Section 18		TWP 2S		RNG (E/W) 41W		Acres Attril		Attributed	
				Reservoir Niobrara			Gas Gathering Connection PDC Eureka Gathering						
Completion Date 05/11/2007			Plug Bac 1693'	Plug Back Total Depth 1693'			Packer Set at N/A						
Casing Size Weig			Weigh 10.5#	Internal Diamete		Diameter	Set at 1719'		Perforations 1546'		то 1558'		
Tubing Size 2 3/8"			Weigh 4.75#	t	Internal D		ameter Set at 1578'		Perforations		То		
			Type Flui	Type Fluid Production Brine Water			Pump Unit or Traveling Plunger? Yes / No Yes, Pumping Unit						
		/An	nulus / Tubing	7)		% Carbon Dioxide						Gas Gravity - G	
Annulus	•	(7111	nulus / Tubini	47	<1%				<1%	, 0	5.5.	authorizing a _g	
Vertical D		H)			-170	Press	sure Taps		.,,,		(Meter	Run) (P	rover) Size
1740'	-,,	,					·						
Pressure	Buildu	ıp:	Shut in	27 2	0 09 at 1	1:37am	(AM) (PM)	Taken 08	8/28	20	09 _{at} 12:05	pm	(AM) (PM)
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
	*****					OBSERVE	D SURFACI	E DATA		_	Duration of Shu	t-in_24	.5 Hours
Static / Orifice Dynamic Size		ice	Circle one:	Pressure	Flowing	Well Head	Il Head Casing		Tubing		Duration	Duration Liquid Produ	
		e	Meter Prover Pressu	Differential in	Temperature Te		1	Wellhead Pressure (P _w) or (P _c) or (P _c)		ead Pressure or (P ₁) or (P _c)	(Hours)		(Barrels)
Property	Property (inches)		psig (Pm)	Inches H ₂ 0	t	t	psig	psia	psig	psia			
Shut-In							90					İ	
Flow													
				<u> </u>	l	FLOW STR	EAM ATTR	IBUTES	1				
Plate			Circle one:		T .		Flowing						Flowing
Coeffiecient			Meter or	Press Extension	1	Gravity		Temperature F		Metered Flo R	w GOF (Cubic F		Fluid
(F _b) (F _p) Mcfd		Pro	ov <i>er Pressure</i> psia	✓ P _m xh	F				F _{pv} (Mcfd)		Baire		Gravity G _m
MCIG			P014				- ft						m
									···				
(P _c) ² =		:	(P _w) ² =	::	•	OW) (DELIV		•		•		$(x^2)^2 = 0.2$ $(x^2)^2 = 0.2$	
				Choose formula 1 or 2		Γ	Backpre	ssure Curve	e	Г		0	pen Flow
(P _c) ² - (P _a) ²		(P _c) ² - (P _w) ²		1. P _c ² -P _s ²	LOG of formula		Slope = "n"		_ n x	LOG	Antilog	1	iverability
(P _c)²-(l	P _d) ²			2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1. or 2. and divide by:	P _c ² - P _w ²		signed ard Slope					s R x Antilog ((Mcfd)
				aiviaed by: Fc Fw			0.0						
Open Flo				Mcfd @ 14.	65 psia		Deliverab	oility			Mcfd @ 14.65 p	sia	
			al =			states that h			to males t	ho above so-			uledge of
											ort and that he h		
the facts s	stated t	therei	in, and that sa	aid report is tru	e and correc	t. Executed	this the	3tn	day of _	octobei		RE	20 <u>09</u> CEIVED
Witness (if any)						-		Jan	7 74V For	Company		1 5 2009 WICHIT	
MAAAAAAAAA			For Comn	nission			-			Che	ecked by	100	100
											1	いしし	WICHIT

I declare und	der penalty of perjury under the laws of the s	state of Kansas that I am authorized to request
exempt status un	der Rule K.A.R. 82-3-304 on behalf of the oper	rator_Petroleum Development Corporation
		contained on this application form are true and
correct to the bes	st of my knowledge and belief based upon ava	ailable production summaries and lease records
of equipment inst	allation and/or upon type of completion or upo	on use being made of the gas well herein named.
I hereby requ	uest a one-year exemption from open flow test	ing for theGemaehlich 44-18
	rounds that said well:	
(Ob)	(, , , , ,)	
(Check	is a coalbed methane producer	
H	is cycled on plunger lift due to water	
	is a source of natural gas for injection into	an oil reservoir undergoing FR
	is on vacuum at the present time; KCC appi	
	is not capable of producing at a daily rate in	
I further agre	ee to supply to the best of my ability any and a	all supporting documents deemed by Commission
staff as necessar	ry to corroborate this claim for exemption from	m testing.
Date: October 13	3, 2009	RECEIVED
		OCT 1 5 2009
		KCC WICHTA
		KCC WICHITA
	Signature:	my formis
		1
	•	tory Agent
	Title: Regula	tory Agent

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.