KCC WICHITA

F The

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				('See Instruc	tions on Rev	erse Side	·)					
·	en Flo liverab				Test Date 02/22/20				API 02:	No. 15 3-20703 -	0000			
Company Petroleum Development Corp					OZI ZZIZI	<u> </u>	Lease Feikert	Lease				Well Number		
County Location Cheyenne W2SESE				Section 7			TWP 2S		W)	Acres Attributed				
Field Cherry Creek					Reservoir Niobrara			Gas Gathering Connection PDC Eureka Gathering						
Completion Date 12/13/2006				Plug Bac 1607	Plug Back Total Depth 1607			Packer Set at n/a						
Casing Size Weight 4.5" 10.5#				Internal [4"	Diameter	Set at 1623'		Perforations 1482'		то 1494'				
Tubing Size Weight 2.375" 4.75#			Internal [2"	Diameter	Set at 1527'		Perforations		То	То				
Type Con N2 Frac		1 (De	escribe)		Type Flui Brine \	d Productio Nater	on			Init or Traveling Plunger? Yes /		/ No		
	-	(Anr	nulus / Tubing	9)	% C	Carbon Diox	ide		% Nitrogen <1%		Gas Gravity - G _g			
Vertical D		l)		· · · · · · · · · · · · · · · · · · ·	< 170	Pres	ssure Taps		×170		(Meter I	Run) (P	rover) Size	
Pressure	Buildu	p:	Shut in02/	22 2	0_11_at_1	0:00am	(AM) (PM)	Taken_02	2/23	20	11 _{at} 12:50p	m_	(AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	_{in_} 24	Hours	
Static / Orifice Dynamic Size Property (inches)		Э	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Heat Temperate		l Wellhead Pressure		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							138	pora	psig	poid)	
Flow														
				T		FLOW STE	REAM ATTRI	BUTES			····		T	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Grav Fact F _c	tor	Tomporoturo		iation ctor : pv	Metered Flov R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
<u> </u>					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		(D.)		^-	
(P _c) ² =		_:		:	P _d =		•			:		2 = 0.2 2 =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1. P _c ² - P _a ² LOG of formula 2. P _c ² - P _d ² and divide		Slope Assi	sure Curve e = "n" or igned rd Slope		LOG	Antilog	Dei Equals	pen Flow iverability R x Antilog (Mcfd)	
Open Flo	w			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 psi	a		
The u	undersi	gnec	l authority, or	n behalf of the	Company, s	states that h	ne is duly aut	horized to	o make th	ne above repo	rt and that he ha	s know	ledge of	
the facts s	tated th	nerei	n, and that sa	aid report is true	and correc	t. Executed	this the 13		day of <u>J</u>	_			2011.	
			Witness (i	f any)			Name de la Carlo d	9	f) ls		Company	REC	EIVED	
			For Comm	ission			_			Chec	cked by	الاد ر	2 2011	
											F	יטט (Z ZU11	

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 Petroleum Development Corp 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 Felkert 44-7 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 mct/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: 07/13/2011 Signature: RECEIVED RECEIVED AUG 0 2 2011									
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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.