Form G-2 (Rev. 7/03)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

RECEIVED

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Type Test					(See Instruc	uons on He	verse Side	*)			JUL 1,5 4
	en Flov liverabi			Test Date: API No. 15 02/17/2010 023-20952								
Company Petrole		eve	lopment C	orp		Lease McPherson			1			Well Number
County Cheyenne			Location SWNWNW		Section 16		TWP 5S		RNG (E/W) 40W		Acres Attributed 160	
Field Cherry Creek					Reservoir Niobrara				Gas Gathering Connection PDC Drury Gathering			
Completion Date 03/12/2008				Plug Back Total Depth				Packer S n/a ¹	et at			
Casing S 4.5"	Casing Size 4.5"		Weigh 10.5#		Internal Diameter 4"		Set at 1610		Perforations		To 1 1450	
Tubing Si 2.375"	ze		Weigh 4.75#	t	Internal Diameter		Set at 1458 '		Perforations		То	
Type Con N2 Frac	•	(De				d Production			Pump Un Yes, P	_	Plunger? Yes	/ No
Producing Thru (Annu			nulus / Tubing	oing) % Carbon Did <1%			de		% Nitrogen <1%		Gas Gravity - G _g	
Vertical D)		***************************************	.,,	Pres	sure Taps		.,,,		(Meter F	Run) (Prover) Size
Pressure	Buildun	·	Shut in 02/	17 2	0 10 at 1	2:45pm	(AM) (PM)	Taken 02	2/18	20	10 _{at} 12:51p	m (AM) (PM)
Well on L	•										at	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orific Size (inche		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		d Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)			
Shut-In							psig 165	psia	psig	рыа		:
Flow												
						FLOW STR	EAM ATTR	IBUTES			<u> </u>	
Plate Coeffieci (F _b) (F _c Mcfd	ent ,)	Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Gravity Factor F _g		Flowing Deviat Factor F _{pv}		ctor	Metered Flow R (Mcfd)	GOR (Cubic Fed Barrel)	Flowing Fluid Gravity G _m
	<u> </u>				(OPEN FLO	OW) (DELIV	ERABILITY) CALCUL	ATIONS		(P _a) ²	= 0.207
(P _c) ² =			(P _w) ² =	:	P _d =	9	% (F	_c - 14.4) +	14.4 =	:	(P _d) ²	'=
(P _c) ² - (F or (P _c) ² - (F	P _a) ²	(P	_c)² - (P _w)²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ (ivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P _c ² · P _w ²	Sio _l	ssure Curve be = "n" or signed ard Slope	n x Li	og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow Mcfd @ 14.65 psia					Deliverab	ility	Mcfd @ 14.65 psia					
	_		•	behalf of the			•	2	day of Ju	ly	t and that he ha	s knowledge of, 20 10
			Witness (if	any)			-	1	xell	For Co	ompany	
	-,		For Commi	ncion			_			Chacl	and by	

KCC WINDLES

NOC WICHIA
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 McPherson 11-16 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 Commiss staff as necessary to corroborate this claim for exemption from testing.
Date: 07/12/2010
Signature:
Signature:

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.