KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instr	uctions on Re	verse Side)				
U Open Flo				Test Date 02/22/20					I No. 15 3-20932 ~ €	∞- <i>o</i> o		
Company Petroleum D)eve	lopment Co	rp	OLI LLI L	J 1 4	Lease Culwel	<u> </u>		.0 20002		Vell Number	
County Location Cheyenne SWNENE			1	Section 8		TWP 5S	TWP RNG (E/W) 5S 40W		/W)	Acres Attributed		
Field Cherry Creek			Reservoir Niobrar			Gas Gathering Conne PDC Drury Gathe			ection			
Completion Date 03/12/2008				Plug Bac 1578'	k Total De	epth	Packer Set at					
Casing Size 4.5"				Internal C	Diameter				orations 20'	To 1432'		
Tubing Size 2.375"				Internal E 2"	Diameter				orations	То		
ype Completion (Describe) I2 Fracture				Type Fluid Production Brine Water			Pump Unit or Traveling F Yes, PU			Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide			% Nitrogen <1%			Gas Gravity - G _g		
Vertical Depth(H) 1625'				Pressure Taps			-170			(Meter F	(Meter Run) (Prover) Size	
Pressure Buildu	ър; S	Shut in02/22	2 20	12 at 7	:35am	(AM) (PM)	Taken_02	2/23	20	12 at 8:50am	1 (AM) (PM)	
Well on Line:				at		_ (AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSER	VED SURFACI	DATA			Duration of Shut-i	n_24Hours	
Dynamic Siz	amic Size Prover Pres		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Hea Temperatu t	Wellhead (P _w) or (P	Pressure Wellhead Pressure () or (P_e) (P_w) or (P_l) or (P_e)		ead Pressure or (P_i) or (P_e)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		P - 3 (· · · · ·)	1110100 1120			115	psia	psig	psia			
Flow												
Distri		Circle one:		···	FLOW S	TREAM ATTR	BUTES		ļ.		- I su :	
Plate Coefficient (F _b) (F _p) Mcfd		Meter or extension over Pressure psia Press Extension P _m x h		Gravity Factor F _g		Flowing Temperature Factor Fit	erature Factor		Metered Flor R (Mcfd)	w GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
				(0.55)		D. C.		A 100 1 m = 1 m				
P _c) ² =	_:	(P.,)2 =	;	P _a =		.IVERABILITY) % (F	CALCUL 1 _c - 14.4) +		:	(₽ _•)² (₽ _d)²	= 0.207 =	
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$	(P	$ (P_c)^2 - (P_w)^2 $ Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ divided by: $P_c^2 - P_w$		LOG of formula 1. or 2. and divide p2.p2		Backpres Slop 	Backpressure Curve Slope = "n"orAssigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow			Mcfd @ 14.6	5 neia		Deliverab	ility			Mcfd @ 14.65 psia		
	igned	authority, on			tates that		•	make t		ort and that he has		
ne facts stated t											, 20 <u>12</u>	
		Witness (if a	ny)			. .		Ju	dith	Pres	the CEIVE	
		For Commiss						<u> </u>	Che	cked by	APR 2 4 2	

exempt status on that the focorrect to the bof equipment in	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp regoing pressure information and statements contained on this application form are true and est of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. Quest a one-year exemption from open flow testing for the
	grounds that said well:
(Che	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
_	ree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necess	ary to corroborate this claim for exemption from testing.
Date: <u>04/17/20</u>	012
	Signature: Judith Fruitt

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.