KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Reve	erse Side)				
Op	en Flo	w			Tool Date				4.00	No. 45	- 3		
✓ De	liverat	oilty			Test Date 02/23/20					1 No. 15 3-20925 —	0000)	
Company		eve	lopment C	orp			Lease McCall				33-5	Well Number	
County Cheyenne			Locatio NENW		Section 5		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 Bac 1533'	th		Packer S	Set at				
Casing Size 4,5"			Weigh: 10.5#			Internal Diameter		Set at 1559'		orations 8'	To 1400'		
Tubing Size 2.375"			Weigh: 4.75#		Internal Diame		Set at 1421'		Perforations		То		
Type Con N2 Frac		n (D		·	Type Flui	d Production				nit or Traveling	Plunger? Yes	/ No	
		(Ani	nulus / Tubing)	Brine V	arbon Dioxi	de		Yes, F		Gas Gr	avity - G	
Annulus				,	<1%			<1%			das Ciavily - do		
Vertical D	epth(l	-i)				Pres	sure Taps		· ·		(Meter	Run) (Prover) Size	
Pressure	Buildu	ıp:	Shut in02/2	23 2	0 11 at 8	:00am	(AM) (PM) 1	aken 02	2/24	20	11 _{at} 8:00ar	n (AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM) 1	aken		20	at	(AM) (PM)	
			-·			OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic Property	Orif Siz (inch	:ө	Circle one: Meter Prover Pressu		Flowing Temperature t	Well Head Temperature t	(P _w) or (P ₁)	ressure or (P _e)	Wellhe	Tubing ead Pressure r (P,) or (P _o)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 123	psia	psig	psia			
Flow									-				
						FLOW STR	EAM ATTRIE	BUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one; Meter or Prover Pressure psia		Press Extension P _m x h	Extension Factor		or Temperature		ation ctor pv	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	l Gravity l	
				······						<u> </u>			
(D.12			/D 12				ERABILITY)				_	² = 0.207	
(P _c)² =		<u>-</u> :	(P _w) ² =_	hoose formula 1 or 2	P _a = .			- 14.4) +	14.4 =	:	(P _d)	' = 	
(P _c) ² - (F		(F	P _c) ² - (P _w) ²	 P_c² · P_s² P_c² · P_c² Mided by: P_c² - P_s² 	LOG of formula 1, or 2, and divide by:	P _c ² -P _x ²	Backpress Slope 	= "n" or gned	n x I	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.65 psia				Deliverabili	Deliverability Mcfd @ 14.65 psia								
		•	•		, ,						rt and that he ha	s knowledge of	
the facts si	tated t	herei	n, and that sa	d report is true	and correct	t. Executed	this the 12					PECENTO	
 -			Witness (If	any)			احت	Sy			omonov	RECEIVED	
		·	For Commi	ssion			_			Chec	ked by	AUG 0 2 2011	

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exemp	t status under Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp
and tha	at 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
	pment installation and/or upon type of completion or upon use being made of the gas well herein named.
I he	ereby request a one-year exemption from open flow testing for the McCall 33-5
gas we	ll 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 fu	rther 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: _(07/12/2011
	Signature:
	Title: Sr. Engineering Tech

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.

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KCC WICHITA