KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					(See Instru	ctions on Re	verse Side	e)			
Open Flow			Test Date:			451					
✓ Deliverabilty			08/27/2		API No. 15 023-21095 7000						
Company Petroleum D	evelo	opment Corp	ooration			Lease Rice				21-34	Well Number
County Location Cheyenne NENW			Section 34		TWP 3S		RNG (E/ 42W	RNG (E/W) 42W		Acres Attributed	
Field Cherry Cree	k			Reservoi Niobrar					nering Conn Throw Gath		, , , , , , , , , , , , , , , , , , , ,
Completion Date 12/02/2008			Plug Bac 1667'	ck Total De	pth	-	Packer S N/A	et at			
Casing Size Weight 4 1/2" 10.5#			Internal I	Diameter	Set a 1690		Perforations 1508'		то 1522'		
Tubing Size Weight			Internal [Diameter		Set at		ations	То		
Type Complet N2 Fracture		escribe)		Type Flui Brine \	id Production Nater	on		Pump Un	it or Traveling	g Plunger? Yes	/ No
Producing Thru (Annulus / Tubing) Casing			g)	% C <1%	Carbon Diox	xide	% Nitroge <1%		en	Gas Gravity - G _g	
Vertical Depth	(H)				Pre	ssure Taps		.,,		(Meter	Run) (Prover) Size
Pressure Build	dup:	Shut in _08/	27 2	09 at 6	:44am	_ (AM) (PM)	Taken_08	3/28	20	09 _{at} 8:22ar	n (AM) (PM)
Well on Line:										at	
					OBSERV	ED SURFACE	DATA			Duration of Shut-	.in_25.5 Hours
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Pressu psig (Pm)		Flowing Well H Temperature Temperature		Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In		paig (FIII)	Inches H ₂ 0			135	psia	psig	psia		
Flow											
					FLOW STI	REAM ATTRI	BUTES				
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or ver Pressure psia	Press Extension P _m x h	Gravity Factor F _g		lemperature Factor Fa		iation Metered Flow ctor R F _{pv} (Mcfd)		v GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G _m
(P _c) ² =		(P)2 -				/ERABILITY)			<u></u>		2 = 0.207
(P _c) ² - (P _b) ² or (P _c) ² - (P _d) ²		(r _w) =	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	LOG of formula 1. or 2. and divide p 2 p 2		% (P _c - 14.4) + Backpressure Curve Slope = "n"or Assigned Standard Slope				(P _d) ² Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow			Mcfd @ 14.6	5 psia		Deliverabil	ity			Mcfd @ 14.65 psia	a
The unders	signed	authority, on	behalf of the (Company st	ates that h	ie įs duly aut	horized to	make the		t and that he has	
			id report is true		. Executed		rd d	ay of Oc		T and that he has	, ₂₀ <u>09</u>
		Witness (if	any)		0	CT 2 6 20	009	9	For Co	ompany	
	-	For Commis	ssion	- 14411	KC	C WICH	ITA		Check	ked by	

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 Corporation								
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 Rice 21-34								
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 Commission								
staff as necessary to corroborate this claim for exemption from testing.								
stan as necessary to composite this claim for exemption from testing.								
Date: October 23, 2009								
Date								
Signature:								
Title: Regulatory Agent RECEIVED								
OCT 2 6 2000								
Title: Regulatory Agent RECEIVED OCT 2 6 2009 KCC WICHITA								
- TORINA								

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.