KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:	ONE	I OINI 3		_	ctions on Re	_		ENADILII	1 1231		
// Deliverability					Test Date:				API No. 15 023-21096 - © - ©			
Company	,	velopment C	orp	01/23/2	012	Lease Rice	·	02	3-21096-9	····	Well Number	
County Location			Section 34		TWP	TWP RNG (E/W)		/W)	Acres Attributed			
Cheyenne NENENE			Reservoi		35		Gas Gathering Connection					
Cherry Creek Completion Date			Niobrai Plug Bac	ra k Total Dep	oth	PDC Stones Throw Gathering Packer Set at			······································			
12/02/2008 Casing Size Weight			1663')iomotor	Sot	n/a Set at Perforations		vrations	To			
.5" 10.5#		Internal Diameter 4"		168	1685'		8'	1522'				
Tubing Size Weight 2.375" 4.75#			Internal [2"	Diameter		Set at 1528'		orations	То			
Type Completion (Describe) N2 Fracture			Type Flui Brine V	d Productio Nater	n		Pump U Yes, F	nit or Traveling วับ	Plunger? Yes / No			
Producing Thru (Annulus / Tubing)			% Carbon Dioxide				% Nitrog		Gas Gravity - G _g			
Annulus Vertical Depth(H)			<1% Pressure Taps				<1% (Meter Run) (Prover) Siz			Run) (Prover) Size		
1710'		04.6		40 0	.20			1 (0.4		10 2,40		
Pressure Well on Li	,		23 2							12 at 2:40pr	(AM) (PM) (PM) (AM) (PM)	
		r			ORSERVE	D SURFAC	E DATA			Duration of Shut	-in 24 Hours	
Static / Dynamic Property	Size	Orifice Size (inches) Pressure Differential in psig (Pm) Inches H ₂ O		Flowing Well Head Temperature t t		Ca Wellhead (P _w) or (I	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Tubing ead Pressure or (P _t) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			2			100	рыа	psig	psia			
Flow												
				1	FLOW ST	REAM ATTE	RIBUTES			<u> </u>		
Plate Coefficeient (F _b) (F _p) Pr		Circle one: Meter or Prover Pressure psia	Press Extension Pmxh	Gravity Factor F		Flowing Temperature Factor F _{rt}	Fa	iation etor _{pv}	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravity	
						**************************************					a.	
o /s ==		: (P) ² =	:	(OPEN FL		/ERABILIT) % (/) CALCUL P _c - 14.4) +		:	(P _a)	$r^2 = 0.207$	
$(P_c)^2 - (P_a)^2$ 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: $P_c^2 - P_w^2$		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.6			65 psia		Deliveral	Deliverability			Mcfd @ 14.65 ps	ia		
The u	ındersig	•	behalf of the	Company, s		ne is duly a	uthorized t		he above repo	ort and that he ha		
ie tacts st	ated the	erein, and that sa	ia report is true	and correc	t. Executed	i this the <u></u>		day of $\frac{A}{A}$	A (4	2	- RECEIV	
		Witness (if	any)				7	now	For	Company	APR 2 4	
		For Commi	ssion					····	Che	cked by	7:11 6 3	

exempt status und and that the foregoing correct to the best of equipment install	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the Rice 41-34 counds that said well:
	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>04/17/2012</u>	Signature: Judith Prutt Title: 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 a signed and dated on the front side as though it was a verified report of annual test results.