KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

RECEIVED

Type Test	:						(See Ins	truc	tions on Re	everse Sid	e)				** **	
Open Flow															JUL 1 9 2	
✓ Deliverabilty				Test Date: 02/02/2010					02 02	PI No. 15 23-21094) (2000	k	CC WICH			
Company Petroleum Development Corp					Lease Rice								weื่แ 1A-34	Mumber VICE		
County Location Cheyenne NWNWNW				Section ·34					RNG (E	Ξ/W)		Acre 160	s Attributed			
Field Cherry Creek				Reservoir Niobrara					Gas Gathering Connection PDC Stones Throw Gat			ina				
Completion Date 12/11/2008				Plug Bac 1594'	ck Total	Dep	th Packer Set at n/a									
asing Size Weight 5" 10.5#				Internal Diameter			Set at 1612'		Perf	Perforations 1460'		.74'				
ubing Size /A			Weight N/A			Internal N/A	Diamete			at	Perforations		То			
ype Completion (Describe)				Type Flu						Pump Unit or Traveling Plunger? Yes / No						
N2 Fracture Producing Thru (Annulus / Tubing)					% Carbon Dioxide				No % Nitrogen			s Gravity	- G			
Casing That (Amilias 7 Tubing)				<1%	Jan Bon E) IO/II	40		<1%	gun	das diavity · d _g					
rtical D	epth(H	l)					F	res	sure Taps	****			(M	eter Run)	(Prover) Size	
essure !	Buildu	p: S	Shut in 02	2/02	20	10 at 1	0:18ar	n	(AM) (PM)	Taken_0	2/03	20	10 at 11:	45am	(AM) (PM)	
ell on Li	ne:	8	Started		20) at			(AM) (PM)	Taken		20	at		(AM) (PM)	
	•••						OBSE	RVE	D SURFAC	E DATA			Duration of S	Shut-in 2	24 Hours	
atic / namic operty	c Size		Meter Di Prover Pressure		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well He Tempera	ature Wellhead (P _w) or (P		Pressure	Wellho	Tubing ead Pressure or (P _t) or (P _c)	Duration (Hours)	Li	Liquid Produced (Barrels)	
nut-In					2-				215	psia	psig	psia				
low																
							FLOW	STR	EAM ATTR	BUTES						
Plate Coeffiecte (F _b) (F _p Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension	Gravity Factor F _g		Т	Flowing emperature Factor F ₁₁	Fa	riation actor pv	Metered Flow R (Mcfd)	(Cub	GOR ic Feet/ arrel)	Flowing Fluid Gravity G _m	
						(OPEN FL	OW) (DE	LIVE	ERABILITY) CALCUL	ATIONS					
) ² = : (P _w) ² = :					P _d =%			•				$(P_a)^2 = 0.20^{\circ}$ $(P_d)^2 = $				
P _c)² - (P _c or P _c)² - (P _c		(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:	P _c ² -P _w ²	2	Slop	ssure Curve be = "n" or signed ard Slope	n v	LOG	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
					Marial O 111	5				****						
en Flow					Mcfd @ 14.6				Deliverab				Mcfd @ 14.65	<u> </u>		
					ehalf of the (o make that day of	ne above repo	rt and that he	e has kno	owledge of , 20 <u>2010</u> .	
			Witness	(if any))				_	··	fir	Alle Ford	ompany			
			F 0-	mice'-				_				. 3, 0	F,			
			For Com	HISSIDI	1							Chec	ked by		_	

JUL 1 9 2010

KCC WICHITA
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 Rice 11A-34 gas well on the grounds 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 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. Date: 07/13/2010
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.