KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	ions on Rev	verse Side)				
Open Flow			<u>.</u>	Total Basis									
✓ Deliverabilty					Test Date: 01/24/2011				API No. 15 023-20814 —				
Company		eve	lopment C	orp			Lease Rueb F	arms			12-34	Well Nu	mber
County Cheyenne			Location SWNW		Section 34				RNG (E/W) 42W		Acres Attributed 160		
Field Cherry		k		· .	Reservoir			•	Gas Ga	thering Conn			
Completi	on Da				Plug Bac	k Total Dept	h		Packer		<u></u>	*******	
12/10/2					1614'	<u> </u>	0.1		n/a				
Casing Size 4.5"			Weigh 10.5#		Internal Diameter 4"		Set at 1632'		Perforations 1472'		то 1486'		
-		Weigh 4.75#			Internal Diameter 2"		Set at 1513'		orations	То			
Type Cor	npletio	n (De				d Production		· · · · · · · · · · · · · · · · · · ·	Pump U	nit or Traveling	Plunger? Yes	/ No	
N2 Fra					Brine \				Yes, F	PU			
Producing Thru (Annulus / Tubing) % Carbon Dioxide Annulus <1%					de	% Nitrogen Gas Gravity - G。 <1%							
Vertical D		١)				Pres	sure Taps	,	-170		(Meter	Run) (P	rover) Size
1651'													
Pressure	Buildu	p:	Shut in	24 2	20 11 at 1	:30pm	(AM) (PM)	Taken_0	1/25	20	11 at 2:45pr	n ((AM) (PM)
Well on L	_ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	((AM) (PM)
						OBSERVE	D SURFACE	 ≘ DATA			Duration of Shut-	in 24	Hours
Static /	Orif	co	Circle ane:	Pressure	Flowing	Well Head	Cas	ing		Tubing		<u> </u>	
Dynamic Size		nes) Prover Pressu) In	Temperature t	Temperature I	1	illhead Pressure () or (P _t) or (P _c)		and Pressure or (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
		/	psig (Pm)	Inches H ₂ 0	<u> </u>	``	psig	psia	psig	psia		-	
Shut-In							180			_		-	
Flow	<u> </u>								<u>. </u>				
					1	FLOW STR	EAM ATTR	BUTES		1	·		1
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Gravity Factor		Tomporatura		viation Metered Flo				Flowing Fluid
				√ P _m x h	F		Eactor		ector R F _{py} (Mcfd)		(Cubic Feet/ Barrel)		Gravity
Wicie			риш				'tı						G _a
<u> </u>		· · ·						<u> </u>		<u> </u>			i
(P _c) ² =			(P _w) ² =			OW) (DELIV °	•			•		² = 0.2	07
(-,)			T	Choose formula 1 or 2	P _d =		T	c - 14.4) +			(P _a)	1	
(P°)s-(I	P.)2	(F	(P _*) ² · (P _*) ²	1. P _c ² -P ₄ ²	LOG of formula		Slop	99 = "N" -0[roe	Antilog		en Flow iverability
(P _c) ² - (1	P ₀)2			2. P _e ² · P _d ²	1. or 2. and divide	P ₆ 2- P _w 2	Ass	signed ard Slope			Androg	1 '	R x Antilog (Mcfd)
				divided by: P _g ² - P _w	2 by:	لست نا	Sianua	aro Siope				<u> </u>	
											<u>-</u>	 	
051				14.61.6.44					i				
Open Flo				Mcfd @ 14			Deliverab	-			Mcfd @ 14.65 ps		
		_	-		, ,			_		•	ort and that he ha		v
the facts s	tated I	herei	n, and that sa	id report is true	e and correc	t. Executed	this the 12	<u>+</u>	day of _	2 <u>/</u>		· :	2011
							_	9		n	E	-~	\-
			Witness (ii	any)				- 71	•	For 0	Company	ECEI	VED.
			For Comm	ssion			.			Che	cked by	JG 0 1	2 2011

KCC WICHITA

exempt status und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Petroleum Development Corp
correct to the best	oing pressure information and statements contained on this application form are true and of 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. Set a one-year exemption from open flow testing for the Rueb Farms 12-34
(Check	ounds that said well: 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
staff as necessary	e 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>07/14/2011</u>	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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