## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(	See Instruct	ions on Rev	erse Side	)				
Open Flow		T1 D-1	_			4.50	A  - AB						
<b>√</b> De	eliveral	bilty			Test Date 01/24/20					No. 15 <b>3-21046 <i>-(</i></b>	$\chi \chi = 0$		
Company		eve	elopment C	orp			Lease Rueb F	arms			11-34	Well Number	
County Cheyenne			Location SWNW		Section 34				RNG (E	(W)	Acres Attributed 160		ed
Field Cherry Creek				Reservoir Niobrara			Gas Gathering Conne PDC Stones Thro						
Completion Date 09/22/2008				Plug Back Total Depth 1587'		h	Packer Set at n/a		Set at		•		
Casing Size 4.5"			Weigh 10.5#		Internal Diameter 4"		Set at 1608'		Perforations 1454'		то 1468'		
Tubing Size 2.375"			Weigh			Internal Diameter 2"		Set at 1484'		rations	То	То	
Type Cor	moletic	n /D	4.75#			d Production		· · · · · · · · · · · · · · · · · · ·	Pump II	nit or Traveling	Plungar? Vac	/ No	
N2 Frac		•	escriber		Brine \		•		Yes, F		riunger: 165	7 190	
Producing	g Thru	(Anı	nulus / Tubing	)	% C	% Carbon Dioxide			% Nitrogen		, Gas Gravity - G		
Annulus				<1%				<1%					
Vertical E 1635'	Depth(I	H)				Press	sure Taps				(Meter F	Run) (Prover) :	Size
	Buildu	 p:	Shut in 01/2	24 2	11 at 1	:15pm	(AM) (PM)	Taken_01	/25	20	11 <sub>at</sub> 1:40pn	1 (AM) (P	 PM)
Well on L											at		
			<sub>1</sub>			OBSERVE	D SURFACE	DATA			Duration of Shut-	n_24	Hours
Static / Dynamic Property	Orif Siz (inch	ze	Circle one: Meter Prover Pressu		Flowing Temperature t	Well Head Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) (Hours)		PRECEI	Higuid Produ (Barrels)	ced			
Shut-In	<u> </u>		psig (Pm)	Inches H₂0			psig 100	psia	psig	psia	AUG 2 5	2011	-
Flow											KCC WIC	HITA_	
					<del></del>	FLOW STR	EAM ATTRI	BUTES					
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient <sub>p</sub> )	Pro	Circle one: Meter or over Pressure psia	Press Extension	Grav Fac F	or Temperature Factor R (Cubic		GOR (Cubic Fe Barrel)	Flow Flu Grav G	iid vity			
L								ļ					
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		/D \2	'= 0.207	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =	9	% (P	- 14.4) +	14.4 =	;	(P <sub>a</sub> ) <sup>2</sup>		
(P <sub>c</sub> ) <sup>2</sup> - (I	_	(F	P <sub>0</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_0^2 - P_a^2$ 2. $P_0^2 - P_0^2$ Invided by: $P_0^2 - P_w^2$	LOG of formula 1, or 2, and divide	P. 5 . P. 5	Slope Ass	sure Curve = = "n" or igned rd Slope	n x	roe	Antilog	Open Flow Deliverabili Equals R x Ar (Mcfd)	ity
				<del></del>	-					<del></del>			_
Open Flo	w			Mcfd @ 14.	65 psia	*-	Deliverabil	itv	<u> </u>		Mcfd @ 14.65 psi		
	•	ione	d authority or		•	states that h					t and that he ha		<del></del>
				id report is true					day of .		t and that he ha	s knowledge (	
			Wilness (if	any)			-0	77	De.	The For C	ornpany	RECEIVE	:D-
			For Commi	ssion			_			Chec	ked by	tig no o	nti-

KCC WICHITA

	e laws of the state of Kansas that I am authorized to request nalf of the operator Petroleum Development Corp
	d statements contained on this application form are true and
	ased upon available production summaries and lease records
	pletion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from	open flow testing for the Rueb Farms 11-34
gas well on the grounds that said well:	
is on vacuum at the present ti	
staff as necessary to corroborate this claim for $\epsilon$	exemption from testing.
07/44/0044	RECEIVED
Date: 07/14/2011	AUG 2 5 2011
	KCC WICHITA
Signa	ture:
-	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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