KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Re	verse Side)					
Open Flow					Test Date				ADI	No 15	_			
Deliverabilty						Test Date: 7/28/2011				API No. 15 075-20525 -				
Company		 Op	perating, la	nc.			Lease Witt					Well Nu	mber	
				Section 14		TWP 23S	RNG (E/W) 41W		Acres Attributed					
Field					Reservoir Winfield			Gas Gathering Connection OneOk Energy Services						
Completion Date 5/7/94				Plug Back	Plug Back Total Depth				Packer Set at					
Casing Size Weight 4.5 10.5			t	Internal D	Diameter	Set at 2548		Perforations 2499		To 2518				
Tubing Size Weight 2.375 4.7				Internal C 1.995	Diameter	Set	Set at 2541		rations	То				
Type Completion (Describe) Single Gas				Type Fluid	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Pump Unit					
Producing Thru (Annulus / Tubing)					% Carbon Dioxide				en	Gas Gr	Gas Gravity - G			
Annulus Vertical D 2550		1)			· · ·	Pres	ssure Taps			. ,	(Meter I	Run) (Pi	over) Size	
Pressure Buildup: Shut in 7/28			8 2	0 11 at 7		(AM) (PM) Taken 7/2		29	20	11 at 7	(AM) (PM)		
Well on Line:		;	Started 20		at		(AM) (PM) Taken		20		at	at(AM) (PM		
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24	Hours	
Static / Orifice Dynamic Size Property (inches		6	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Temperature Temper		Wellhead Pressure		Tubing Welthead Pressure (P _w) or (P ₁) or (P _c) psig psla		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In				· ·			38	52.4	140	154.4	24			
Flow														
				,		FLOW ST	REAM ATTE	IBUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h	Extension Factor		or Temperature		iation ctor	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
					45550									
(P _c) ² =		_:_	(P _w) ² =		P _d =	, ,	/ERABILITY % () CALCUL P _e - 14.4) +		:	(P _a)	2 = 0.2 2 =	07	
(P _o) ² - (P _u) ² or (P _o) 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 _c ² divided by: P _c ² - P _a ²	1. P _c ² -P _a ² LOG of formuta 2. P _c ² -P _d ² 1. or 2. and divide		P _c ² -P _s ² Backpress Slope Assi Standar		n x	.og	Antilog	Open Flow Deliverability Equats R x Antilog (Mcfd)		
Open Flo	w			Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @ 14.65 ps	 a		
The u	unders	igned	authority, o	n behalf of the	Company, s	tates that t	ne is duly a			•	ort and that he ha	s know	ledge of	
the facts s	tated t	herei	n, and that sa	aid report is true	e and correc	t. Executed	this the $\frac{2}{}$	1	of S	eptember		, :	20 11 .	
			Witness (if any)					m	Fox	Company RFC)EI\zi	<u></u>	
			For Comm	nission						Che	cked by OCT	EIVE		
											UCI	1/2	2011	

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 Chesapeake Operating, Inc										
and that the foregoing pressure information and sta correct to the best of my knowledge and belief based	tements contained on this application form are true and upon available production summaries and lease records on or upon use being made of the gas well herein named.									
is on vacuum at the present time; is not capable of producing at a d	tion into an oil reservoir undergoing ER KCC approval Docket No aily rate in excess of 250 mcf/D any and all supporting documents deemed by Commission									
Date: 9/21/2011										
Signature: Title:	Erin Carson, Regulatory Compliance Analyst									

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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KCC WICHITA