KCC WICHITA

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

type test	i:					See instruc	tions on He	verse Sia	<del>8)</del>					
	en Flow liverabil				Test Date	9:				No. 15 1 <b>75-2046</b> 5 -	$\infty$			
Company Cabot Oil & Gas Corporation					Lease Hack						2-1	Well Number		
County Seward S			Location SW		Section 1		TWP 34S		RNG (E/W) 34W			Acres Attributed 640		
Field Archer					Reservoi Morrow				Gas Gathering Conne Williams Natural Ga					
Completion Date 08/04/1980					Plug Back Total Depth 6637				Packer S None	et at				
Casing S 4-1/2'	Casing Size Wei 4-1/2' 10.			ht Internal Diam 4.052			neter Set at 6503		Perforations 6028		то 6039			
Tubing Size Weight 2-1/16' 3.25				Internal f 1.751	Diameter	Set at 6025		Perforations		То				
Type Completion (Describe) Single Gas					Type Fluid Production None				Pump Unit or Traveling Plunger? Yes / No No					
Producing Thru (Annulus / Tubing) Tubing				* '	% Carbon Dioxide				% Nitroge	<b>9</b> n	Gas G	Gas Gravity - G		
Vertical Depth(H) 6035					Pressure Taps						(Meter	Run) (P	rover) Size	
				11am (AM) (P										
Well on Line:		Started 06/30/2010		)/2010 <sub>2</sub>	20 at		(AM) (PM) Taker		06/30/20102		<sub>at</sub> 11am	(AM) (PM)		
		- ,		,		OBSERVE	D SURFAC	E DATA	,		Duration of Shut	-in	Hour	
Static / Dynamic   Property	Orific Size (inche	e M Prover	le one: leter Pressure   (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Temperature Temperati		Wollhoad Progento		Tubing Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$ psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							230	psiu	230	рыд				
Flow														
						FLOW STR	REAM ATTR	IBUTES	<del></del>	· · · · · · · · · · · · · · · · · · ·				
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Gircle one: Meter or Prover Pressure psia		Press Extension Pmxh	Grav Fac F	tor	Flowing Temporature Factor F <sub>11</sub>		viation actor F <sub>pv</sub>	Metered Flow R (McId)	GOR (Cubic For Barrel	eeV	Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =		_: (	P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL	OW) (DELIV		   CALCUI 		:	(P <sub>a</sub>	) <sup>2</sup> = 0.2	<u> </u> :07	
$(P_q)^2 - (P_x)^2$ or $(P_g)^2 - (P_q)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		thoose formula $t$ or $2$ :  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ wided by: $P_c^2 - P_a^2$ LOG of formula 1. or 2. and divide by:		S 		ssure Curve pe = "n" - or signed ard Slope	l n x i	og [	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	oility			Mcfd <b>©</b> 14.65 ps	sia		
			-	behalf of the	-				day of	•	rt and that he h		riedge of 20	
			îtness (if ar				-	Mb_	AM		ompany	RE	CEIVE	
		F	or Commiss	ion						Chec	ked by	JAN	2 5 20	

exempt status under and that the foregonet to the best of equipment instal	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Cabot Oil & Gas Corporation promoting 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 llation and/or upon type of completion or upon use being made of the gas well herein named. It is a one-year exemption from open flow testing for the Hacker #2-1 punds that said well:    Cabot Oil & Gas Corporation
	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: 01/18/2011	
	Signature: MWetticu
	Title: Joan M. Swetlick- Regulatory

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.

RECEIVED

JAN 2 5 2011

KCC WICHITA