KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				((See Instruct	tions on Re	verse Side)					
	en Flow liverabil				Test Date	9 :				No. 15 175-21481	-000°)		
Company Cabot O		s Corpo	ration			· · · · · · · · · · · · · · · · · · ·	Lease Cook				3-35	Well N	umber	
County Location Seward C-SE-NW			Section 35			TWP 33S		W)		Acres Attributed 640				
Field				Reservoir				nering Con s Natural C						
					Morrow Plug Back Total Depth			Packer S						
			6084	 			None							
Casing S 5-1/2'	120		Weight 14.0			5.012		Set at 6176		rations S	то 599	5995		
Tubing Size 2-3/8'			Weight 4.7		Internal Diame 1.995		Set at 5971		Perforations		То	То		
				Type Flui None	Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No No						
Producing	g Thru ((Annulus	/ Tubing)		% (Carbon Dioxi	de		% Nitroge	en	Gas	Gravity -	G _o	
Tubing Vertical D	Depth(H)	<u> </u>	-			Pres	sure Taps				(Met	er Run) (f	Prover) Size	
5991						Flan	-				3.0	68		
Pressure	Buildup										0 at		(AM) (PM)	
Well on L	ine:	Starte	07/02	2/2010 2	0 at	0:15am	(AM) (PM)	Taken 07	//02/201	02	o at10:1	5am	(AM) (PM)	
						OBSERVE	D SURFACI	E DATA			Duration of Sh	 ut-in	Hours	
Static / Dynamic	Dynamic Size Property (Inches)		cie one: Meter r Pressure	Pressure Differential in	Flowing Well He Temperature Tempera		Wollhood Process		Wellhea	ubing ad Pressuro (P,) or (P,)	Duration (Hours)	Liqu	Liquid Produced (Barrels)	
, ,			g (Pm)	Inches H ₂ 0	† 	t	psig	psla	psig	psia	 			
Shut-In							86		86	ļ	 			
Flow	l					<u> </u>					<u></u>			
Plate	<u>. T</u>	Circle o	ne:		<u> </u>		Flowing	1		<u>.</u>			Flowing	
Coefficcient		Meter Prover Pro psia	pr	Press Grav Extension Fact √ P _m x h F ₀		tor Temperature		Deviation Factor F _{pv}		Metered Fid Fid (Mcfd)	ow GC (Cubic Ban	Feet/	Fluid Gravity G _m	
(P _c) ² =		.;	(P _w) ² =	:	(OPEN FL	OW) (DELIV) CALCUL ² 14.4) +		;		$(a^2)^2 = 0.$ $(a^2)^2 = 0.$	207	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _d ² 2. P _c ² - P _d ² ided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P ₀ ² -P _w ²	Stor	ssure Curve pe = "n" or signed ard Slope	nxL	.og [Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						<u>ب</u>			-	<u>. </u>				
Open Flo	w			Mcfd @ 14.	65 psia	· · · · · · · · · · · · · · · · · · ·	<u>I</u> Deliverab	ility			Mcfd @ 14.65	l psia		
The	undersig	ned auth	ority, on	behalf of the	Сотралу, в	states that h	e is duly au	thorized to	o make the	e above rep	ort and that he	has know	viedge of	
the facts s	tated the	erein, and	that said	report is true	and correc	t. Executed	this the 18	3	day of Ja	inuary		·	20 11 .	
		· · · · · · · · · · · · · · · · · · ·	Vitness (if a	ny)		<u></u>	-	AM	AM	<u>uu u</u>	Company	R	ECFN/E	
		<u></u>	For Commiss	ion			_				ecked by	—— _{[*}	N 2 5 20	
			. J. JOHRISS	napri I						Ch	er vac cà	JA	N 25 2(

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	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator <u>Cabot Oils Gas Corporation</u>
and tha	at the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records
• •	oment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the
gas wel	Il on the grounds that said well:
	(Check 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
	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date: <u>C</u>	01/18/2011
	Signature: MAWHULL
	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.

JAN 25 2011

KCC WICHITA