KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					(See Instruct	ions on Reve	erse Side))				
Open Flow Deliverabilty				Test Date: 8/14/12					API No. 15 15-175-22088 - 0000				
Company Cabot Oil & Gas Corporation					Lease Fitzgerald				Well Numb 3-12			Vell Number	_
County Seward			Location SW-SW-SE		Section 12		TWP 34S		RNG (E/W) 34W		Acres Attributed 640		_
Field Morrow						Reservoir Morrow				s Gathering Connection anhandle Eastern		RECE JAN 0 6086 KCC WIC	
Completic 07/24/20		te)		Plug Back Total Depti 6700		h		Packer Set at None		JAN		0 3 201
Casing S 4 1/2"	ize		Weight 11.6		Internal Diameter 4.0		Set at 6757		Perforations 6080		™ 6086	6086 KCC V	
Tubing Si 2 3/8"	ize		Weig 4.7	ht	Internal Diameter 1.995		Set at 6079		Perforations		То	То	
Type Completion (Descr Single Gas			escribe)		Type Flui Water	e Fluid Production ater			Pump Unit or Traveling F Yes		Plunger? Yes / No		_
		(Anr	nulus / Tubir	ng)	% Carbon Dioxide				% Nitroge	en	Gas Gra	Gas Gravity - G _g	
Vertical C	Depth(I	H)		-		Pres	sure Taps				(Meter F	Run) (Prover) Size	-
Pressure	Buildu	ıp:	Shut in	14	20 12 at 1		(AM) (PM) 1	Taken		20	at	(AM) (PM)	_
Well on L	ine:		Started 8/1	5	20 <u>12</u> at <u>1</u>	:00 PM	(AM) (PM) 1	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	n_24 Hour	- rs □
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press psig (Pm)	Differential in	Flowing Temperature t	Well Head Temperature t	(P,) or (P,) or (Pc)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			poig (rin)	mones rigo			psig 162	psia	psig 162	psia			
Flow]
			Ci-h			FLOW STR	EAM ATTRIE	BUTES					٦
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension Pmxh	Grav Fac F	tor	Temperature		riation actor - pv	Metered Flow R (Mcfd)	(Cubic Fe Barrel)	Flowing Fluid Gravity G_m	
	. <u>.</u> .	L			(005); 5:	OWA (DEL 194		241 011	ATIONIC				
(P _c)² =		:	(P _w) ² :	= :	P _d =		ERABILITY) % (P ₋	- 14.4) +		:	(P _a) ²	2 = 0.207 2 =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _o) ² - (P _*) ²		Choose formula 1 or 2: 1. P _o ² - P _a ² 2. P _o ² - P _o ² divided by: P _o ² - P _o ² by:			Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	3
													_
Open Flo	w	<u> </u>	Mcfd @ 14.65 p			i psia		Deliverability		<u>,, , , , , , , , , , , , , , , , , , ,</u>	Mcfd @ 14.65 psi	cfd @ 14.65 psia	
		signe	d authority, o		· · · · · · · · · · · · · · · · · · ·	states that h	e is duly aut			•	rt and that he ha	s knowledge of	_
the facts s	itated 1	therei	in, and that s	said report is tru	ie and correc	t. Executed	this the 196	th //1/	day of De	ecember)	, ₂₀ <u>12</u>	
			Witness	(if any)			_	-V Y	uu /	A VI	Company		_
			For Com	mission					C	Chec	cked by	-	_

KCC WICHITA

	der Rule K.A.R. 82-3-304 on behalf of the operator Cabot Oil & Gas Corporation
and that the fore correct to the bes of equipment inst	going pressure information and statements contained on this application form are true and it 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.
gas well on the g	rounds that said well:
(Check	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 the to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessa	ry to corroborate this claim for exemption from testing.
Date: 12/19/12	
	Signature: Mary Torres / Regulatory 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.