KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:			(See instruc	cuons on Hev	erse Side	*)					
	en Flow iverabilty	,		Test Date	ə :				No. 15	****			
Company			<u> </u>	8/15/12	· ·	Lease Shorb	_	15-	175-20794-		Well Number		
Cabot Oil & Gas Corporation County Location Seward NESWNE				Section 12		TWP 34S	TWP		W)	Acres Attributed 640			
Field Adamson				Reservoir	Reservoir			Gas Gat	hering Connec	ction	JAN 0 3 To 6062 KCC WICK To		
Completion Date 12/12/1984				Plug Bac 6371	Plug Back Total Depth			Packer Set at None			JAN n		
asing Size Weight 1/2" 10.5			Internal Diameter 4.052		Set at 6434		Perforations 6036		то 6062	To 6062 KCC IA			
Tubing Size Weight 9" 2.75			ht	Internal D	Diameter	Set at 6075		Perforations		То			
Type Completion (Describe) Single Gas					Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No					
roducing		Annulus / Tubi	ng)	% C	Carbon Diox	ride		% Nitrog	en	Gas Gr	avity - G		
Tubing Vertical Depth(H) 6049				Pressure Taps						(Meter i	Run) (Prover) S	Size	
			12 at 1						at				
Well on Line: Started 8/16			16 2	0 12 at 1	:30 PM	(AM) (PM)	Taken		20 .	at	(AM) (PI	M)	
					OBSERV	ED SURFACE	DATA			Duration of Shut-	in_ 24	lours	
Static / Dynamic Property	Orifice Size (inches)	Meter Prover Pres	Differential in	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barreis)		
Shut-In						86	paid	86	pula				
Flow													
	- 1		<u> </u>		FLOW ST	REAM ATTRI	BUTES	1			1		
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension √ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F ₁₁		eviation Metered Factor R F _{pv} (Mcf		(Cubic Feet/		ing id rity	
				(OPEN FL	OW) (DELI	VERABILITY)	CALCUL	ATIONS			3 0 007		
°_)2 ≖	:	: (P _w) ²	=:	P _d =		-	- 14.4) +		=	(P _d)	² = 0.207 ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² Choose famula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²		LOG of formula 1, or 2, and divide	formula 1. or 2. and divide p 2 _ p 2		Backpressure Curve Slope = "n"		LOG	Antilog	Open Flow Deliverabili Equals R x Ar (Mcfd)	ity	
Open Flow Mcfd @ 14.65			.65 psia	5 psia Deliverability			Mcfd @ 14.65 psia						
The (undersigr	ned authority,	on behalf of the	Company,	states that	he is duly au	thorized 1	to make th	ne above repor	t and that he ha	as knowledge o	 of	
e facts s	tated the	rein, and that	said report is tru	e and correc	ct. Execute	d this the 19	9th	day of _D	ecember		, ₂₀ <u>12</u>		
		Witness	s (if any)			<u> </u>	1N	My	T VIII	UW -	·		
			nnission	·				(Check	ked by			
		FUI CON	RIBBION						CHOCH	nou by			

Form G-2 (Rev. 7/03)

KCC WICHITA

	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	s under Rule K.A.R. 82-3-304 on behalf of the operator Cabot Oil & Gas Corporation
and that the	foregoing pressure information and statements contained on this application form are true and
correct to the	e best of my knowledge and belief based upon available production summaries and lease records
	t installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby	request a one-year exemption from open flow testing for the Shorb #2-12
gas well on t	he grounds that said well:
(0	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
l formale en	
	agree to supply to the best of my ability any and all supporting documents deemed by Commission
stan as nece	essary to corroborate this claim for exemption from testing.
- 10/10	40
Date: 12/19	
	(, ,
	Signature: Mary Volume
	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.