S &

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= :	en Flo iverab					Test Date 11/14/13	e:	ructi	ions on Re	verse Side	,	API N 15-17	o. 15 75-21475	O	າກອ		
Company Cabot Oi	1 & G	as C	orporation	•		11/1-7/15			Lease Adamso	on		10 17	0 21470	, - V.		Weil Nu	ımber
County Location Seward C-NW-NW				Section 11			TWP 34S		RNG (E/W) 34W				Acres Attributed 640				
Field Adamson				Reservoir Chester					Gas	Gas Gathering Connection							
Completion Date				Plug Back Total Depth						Packer Set at None					MILL MANAGEMENT OF THE STATE OF		
Casing Si 4 1/2"	asing Size Weight 1/2" 10.5			0.00	Internal Diameter 4.052			Set at 6561		Perforations 6350				To 6404			
Tubing Siz 2 3/8"					Internal Diameter 1.995			Set at 6341		Perforations			То				
Type Completion (Describe) Single Gas				Type Flui Water/			e Y			Pump Unit or Traveling Plunger? Yes							
Producing Tubing	Thru	(Anr	nulus / Tubir	ng)		% C	arbon D	ioxio	de		% N	itroger	1		Gas Gr	avity - (G _g
Vertical D	epth(F	ł)					F	ress	sure Taps						(Meter	Run) (P	rover) Size
Pressure I			Shut in 11.	/14 /15	2	0_13_at_1: 0_13_at_1:									_ at		(AM) (PM) (AM) (PM)
		·····	Started			ui										24	
Static / Dynamic : Property	Orifice Size (inches)		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Differential Temperature		ad ture	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Dui	Duration of Shut-in Duration (Hours)		h Hours Liquid Produced (Barrels)	
Shut-In	n				1101100 1120				psig 178	psia	178		psia				
Flow																	
			Circle one:	Τ			FLOW S	STR	EAM ATTR	IBUTES							
Plate Coefficcient (F _b) (F _p) Mctd		Meter or Prover Pressure psia			Futanaia-		avity T		emperature Fac		iation Metered Flow ctor R (Mcfd)		low	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
		***		<u> </u>		400511 514											
P _c) ² =		_:	(P _w) ² =	=	:	(OPEN FLO	OW) (DE	%) CALCUL ² c - 14.4) +			:		(P _a) (P _d)	² = 0.2 ² =	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$		LOG of formula 1. or 2. and divide by:	P.2 - P.2		Backpressure Curve Slope = "n" or Assigned Standard Slope		e n x		LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow	v				Mcfd @ 14.6	35 psia			Deliverab	oility				Mcf	d @ 14.65 psi	a	
					ehalf of the report is true						o mal	No	above re vember	port a	nd that he ha		ledge of 20
			Witness	(if any)				\bigcup_{i}	Ma	uz	\mathcal{C}	10 /\	or Compa	any		101101
			For Comr	nissio	n			_	-			<i>!</i>	C	necked t		NUC	WICH

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	the control of the co
	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt sta	tus under Rule K.A.R. 82-3-304 on behalf of the operator Cabot Oil & Gas Corporation
ınd that th	e foregoing pressure information and statements contained on this application form are true and
correct to t	ne best of my knowledge and belief based upon available production summaries and lease records
of equipme	nt installation and/or upon type of completion or upon use being made of the gas well herein named.
l hereb	y request a one-year exemption from open flow testing for the Adamson #4-11
as well or	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
I furthe	r agree to supply to the best of my ability any and all supporting documents deemed by Commission
taff as ne	cessary to corroborate this claim for exemption from testing.
Date: 11/2	1/13
	Signature: Mary James
	Title: 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.

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