KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Instri	ucti	ions on Re	verse Side	9)							
_ `	en Flo					Test Date	: :				Al	Pl No. 15	5	^^	~ ^			
	liverab	uty									15	5-175-2	1223-	<u>-cc</u>	$\frac{\infty}{2}$			
Company Cabot O		as C	Corporation						Lease Lee						3-1	Well N	umber	
County Location Seward C-NE				Section 1				TWP 33S			RNG (E/W) 34W			Acres Attributed 160				
Field Hitch				Reservoir Morrow	•		·		Gas Gathering Conne WNG			ection						
Completion Date 02/28/1992				Plug Bac 5800	k Total De	epti	h	Packer Set at None										
Casing Size Weight 5-1/2' 15.5				Internal I 4.950	Internal Diameter 4.950			at 7	Perforations 5626				то 5652					
Tubing Size Weight 2-3/8' 4.7					Internal Diameter 1.995			Set at 5541			Perforations			То				
Type Completion (Describe) Single Gas				Type Flui	Type Fluid Production Oil/ Water						Traveling Plunger? Yes / No							
Producing Thru (Annulus / Tubing) Casing					% Carbon Dioxide				% Nitrogen				Gas Gravity - G					
Vertical D 5639	epth(H	l)					Pr	ess	ure Taps						(Meter	Run) (I	Prover) Size	
Pressure	Buildu	p:	Shut in 07	/08	/2010 2	20 at	0:30am		(AM) (PM)	Taken			20	a			(AM) (PM)	
Well on L	ine:		Started 07															
							OBSER	VE	D SURFAC	E DATA		-		Duratio	on of Shut	-in	Hours	
Static / Dynamic Property	namic Size operty (inches)		Meter Prover Press		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head re Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P) or (P_1) or (P_c) psig psia		(P _c)	Duration (Hours)		Liquid Produced (Barrels)		
Shut-In									24	рав	0	<u> </u>	1916	·				
Flow																		
	,						FLOW S	TRI	EAM ATTR	BUTES								
Plate Coeffiecient (F _b) (F _p) Mctd		Circle one: Meter or Prover Pressure psia			Press Extension P _m x h	Grav Faci F _a	ly To		Flowing emperature Factor F ₁₁	Fa	iation etor pv	or R		GOR (Cubic Fed Barrel)		eet/	Flowing Fluid Gravity G _m	
												<u> </u>						
(P _c) ² =		:	(P)² =	=	:	(OPEN FLO	OW) (DEL	IVE %) CALCUL 2 - 14.4) +		i	:		-) ² = 0.) ² =	207	
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_a)^2$		(P _e)²- (P _w)²		Cho	ose formula 1 or 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² led by: P _c ² - P _d ²	LOG of formula 1. or 2. and dhide by:			Backpre Slop As:	ssure Curve pe = "n" - or signed ard Stope		roe	roe		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	

Open Flor	w				Mcfd @ 14.	65 psia			Deliverab	ility				Mcfd @	14.65 ps	ia ia		
The u	undersi	длес	d authority, c	n b		•	tates that	he			о таке	the abov	-				vledge of	
			n, and that s									January					20 11	
	-,		Witness	(if any	v)				-	JM.	AW	etu	UL For C	Company			RECEIVE	
			For Come	nissio	on				-		<u>_</u>		Chec	ked by			AN 25 20	

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	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 <u>Cabot Oil & Gas Corporation</u> oing 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. est a one-year exemption from open flow testing for the <u>Lee *3-1</u> bounds 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 to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary Date: 01/18/2011	to corroborate this claim for exemption from testing.
	Signature: <u>HMAWLUU</u> 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