KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(-	See Instruct	tions on Re	verse Side)				
Open Flow Deliverabilty					Test Date) :		API No. 15 15-175-21223 - 0000					
Company					8/15/12		Lease		15-	1/5-21223 - 0		Well Number	
Cabot O		s Corp	oration				Lee				3-1		
County Pocation Seward NENWNE				Section 1		TWP 33S	33S		RNG (E/W) 34W		Acres Attributed 160		
ield litch				Reservoir Morrow	•		Gas Gathering Connec WNG		ction	REC	'En		
Completion Date 02/28/1992					Plug Back Total Depth 5800		th			Packer Set at None		To S652 KCC WIC	
Casing S 5 1/2"	ze		Weight 15.5		Internal Diameter 4.950		Set at 6337		Perforations 5626		то 5652	To 5652 KCO	
Tubing Si 2 3/8"	ze		Weight 4.7		Internal D 1.995		ameter Set a 5541		Perforations		То	WCC W	CHIT
Type Con Single (-	(Descr	ibe)		Type Flui Oil/Wa	d Production	n		Pump U Yes	nit or Traveling I	Plunger? Yes	/ No	
Producing		(Annulu	s / Tubing)		% C	Carbon Dioxi	ide		% Nitro	gen	Gas Gra	avity - G _g	
Casing Vertical D	epth(H))				Pres	sure Taps				•	Run) (Prover) Size	
5639			0/15		40 1	1.20 AM					3		
Pressure	Buildup	: Shu	8/15	20	0 12 at 1	1:30 AM						(AM) (PM)	
Well on L	ine:	Star	ted 8/16	20) <u> 2</u> at <u> </u>	1:30 AM	(AM) (PM)	Taken		20 _	at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	n_24 Hours	ı
Static / Dynamic Property	Orific Size (inche	ize Prover Pressur		1	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Pm)		Inches H ₂ 0			psig 25	psia	psig	psia			
Flow				1,000					-				
		•				FLOW STE	REAM ATTF	RIBUTES		T			í
Plate Coefficient (F _b) (F _p) Mctd		Met Prover l	e one: ler or Pressure sia	Press Extension ✓ P _m x h	Grav Fac F	or Temperature		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
					(ODEN 51	0140 (DELII)	(EQ.4DN IT)	0.041.011	ATIONS	1			J
(P _c) ² =		:	(P _w) ² =	:	P _d =	OW) (DELIV		P _a - 14.4) +		:	(P _a) [;] (P _d)	2 = 0.207 2 =	
	$(P_c)^2 - (P_u)^2$ or $(P_c)^2 - (P_d)^2$		(P _w) ²	2. P _c ² - P _d ²	LOG of formula 1, or 2. and divide	P ₂ -P _* ²	Backpre Slo	essure Curve ope = "n" - or ssigned dard Siope		roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				- c w									
Open Flow Mcfd @ 14.65 psia							Deliverability Mcfd @ 14.65 psia						
				behalf of the					_	the above repor	t and that he ha	s knowledge of, 20 12	
			Wilness (if a	ny)					/ UM	For Co	ompany)	
			For Commiss	sion						Check	ked by		

Form G-2 (Rev. 7/03)

KCC WICHITA

	r 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 Cabot Oil & Gas Corporation
	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
	lation and/or upon type of completion or upon use being made of the gas well herein named.
• •	st a one-year exemption from open flow testing for the Lee #3-1
	unds that said well:
(Check d	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 further agree	to supply to the best of my ability any and all supporting documents deemed by Commission
taff as necessary	to corroborate this claim for exemption from testing.
ate: 12/19/12	
	Signature: May June
	Title: Mary Torres Regulatory Analyst
	THO.

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.