KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	^				(See Instr	uctions on R	everse Si	de)					
7	Open Flow Deliverabilit	y 		Test Da 6/23/2		API No. 15 - 119 - 20,799 _ ()					α		
-	ım Resou	ırces				Lease Adams	Ranch			F-37	Well N	lumber	
County Location Meade 3500' FSL, 1200' FEL		Section 4		TWP 35S		RNG (E/W) 29W		^cRECE!		14 PH9L			
Field Cimmaron Bend			Reserve Kansa				Gas Ga DCP	thering Conr			V 2 8 20		
Completion Date 3/9/1990 IP			Plug Ba 5280'	ick Total De	pth	· · · · · · · · · · · · ·	Packer N/A	Set at	<u> </u>	KCC WICHI			
Casing : 5 1/2"				Internal Diameter		Set at 5429'		Perforations 5001' -		10		MICH	
Tubing 8 2 7/8"	olng Size Welght 7/8" 6.4#			internal Diameter		Set			prations	5024' To		 	
Type Co Oil We	mpletion (i	Describe) Sasing gas	sales)		ild Productio			Pump U	nit or Traveling	Plunger? Yes	s / No		
Producin Both	Producing Thru (Annulus / Tubing)				% Carbon Dioxide			Yes / Well has ESP installed % Nitrogen Gas Gravity - G					
	Vertical Depth(H)				Pressure Taps				(Meter Run) (Prover) Size				
Pressure Well on L	Buildup:	Shut in(123 2	041_at_1	0:20 0:30	. (6 00) (PM) . (46 00) (PM)	Taken		2 20 -3 20	ll at 10:2	ر ا م	(6Ø) (PM)	
		Circle one:	Pressure		OBSERVE	ED SURFACE	DATA			Duration of Shut	i-in 2	£Hours	
Static / Dynamic Property	Orifice Size (inches)	Mater Prover Pressu paig (Pm)	Differential	Flowing Well Head Temperature Temperature t				Tubing Wellhead Pressure (P,) or (P,) or (P,) psig psia		Duration (Hours)	Liquid	Liquid Produced (Barrels)	
Shut-In Flow				-		55		0	posa		 		
		<u>l</u>		<u>!</u>	El OW OTT	38		60	<u> </u>				
Plate Coeffiech (F _b) (F _g Mord	ent	Circle one: Meter or wer Pressure pala	Press Extension	xtension Fact		or Temperature		ation tor	Metered Flow R (Mctd)	GOR (Cubic Fe Barrel)	1	Flowing Fluid Gravity G _m	
(P _o)² =		———⊥ (P _w)² =_	. (ERABILITY)			·	(P_) ^r	= 0.20		
(P _a)2- (P _a)0r (P _a)2- (P _a		(P _o) ² - (P _w) ² (P _o) ² - (P _w) ² 1. P _o ² - P _o ² 2. P _o ² - P _o ² chicked by: P _o ² - F		LOG of formula 1. or 2.		% (P _o - 14.4) + Backpressure Curve Slope = "n"		n x LOG [(P _d) ² Antilog	Ope Delivi Equals F		
open Flow	14.00 paa					Deliverability			Mcfd @ 14.65 psia		1		
The un	ndersigned ted therein	authority, on , and that said Wilmess (# a	report is true/a	ompany, sta	Executed the	is duly auth his the _ <i>3</i> _	orized to the de	y of	above report	and that he has	knowled	dge of	
	······································	For Commiss	ton	·					Checked	by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authoriz exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Quantum Resources Managand that the foregoing pressure information and statements contained on this application form correct to the best of my knowledge and belief based upon available production summaries and if of equipment installation and/or upon type of completion or upon use being made of the gas well hereby request a one-year exemption from open flow testing for the Adams Ranch F-37 gas well on the grounds that said well:	are true and
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 staff as necessary to corroborate this claim for exemption from testing.	RECEIVE JUN 2 8 2 KCC WICH
Date: 6/23/2011 Signature: Milo Jone Title: Production Fore	man

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.