KANSAS CORPORATION COMMISSION

Reservoir Cansing / Chester Ch	4											P	Form C
Lease Adams Ranch F-12 Mel Number Location	Type Test			ONE		ABILIZ	ED O P	EN FLO	w or I	DELIV		y Test M	14Y 15 20U
Lease Leas	□ Ор	en Flov				Test Date	a:			ΔP	l No. 15	^	ECEIVER
Adams Resources Management, LLC Adams Ranch F-12 Acres Altributed Reade Bost FNL 8 1980 FNL 15 Section TWP BNS (EW) Acres Altributed 15 Section TWP Competion Date Personer Lansing / Chester DCP Dopperion Date Personer Personer Personer Top Conjection Date Personer Type Fluid Production Type Fluid Production Type Fluid Production Type Fluid Production Top Conjection (Desember) Type Fluid Production Type Fluid Production Type Fluid Production Top Conjection Type Fluid Production Type Fluid Production Type Fluid Production Type Fluid Production Top Conjection Type Fluid Production Top Conjection Top Conjection Top Conjection Type Fluid Production Top Conjection Top Conjectio	اليونيا		lty										
Reade Bos FNL & 1880 FVL 15 35S 29W			ource	s Manage	ment, LLC				Ranch				Well Number
DCP Completion Date Plus Back Total Depth Packer Set at Profrontions To Foreign Final Properties Fig. 19 Free Set Foreign Final Properties Fig. 19 Free Set Foreign Fig. 19 Free Set Foreign Fig. 19 Free Foreign Fig. 19 Fig.	County Meade										(M)		Acres Attributed
### Particle Particl							er	_		thering Conne	ection		
11.25	Completic	on Date	•			•	k Total De	epth		Packer	Set at		
Ubing Size Weight Internal Diameter Sot at Perforations To 3/8" You Complotion (Doscribo) Type Fluid Production Type Fluid Production Pump Unit or Traveling Plunger? No Pumping Unit or Traveling Plunger? No Pum	Casing Si 5 1/2"	ize		_		Internal I	Diameter					· · · · · · · · · · · · · · · · · · ·	
Type Fluid Production Type Fluid Production Purmo Unit or Travelling Plunger? Type No Sass Well Sas Well Sas Oil Water Purmping Unit Sas Well Sas Oil Water Purmping Unit Sas Well Sas Oil Water Sas Oil Sas Well Sas Oil Water Sas Oil	Tubing Size Weight				Internal [Diameter							
Tensure Buildup: Shut in 5/2 20 14 at 9:30 (Motor Run) (Prover) Size Pressure Buildup: Shut in 5/2 20 14 at 9:30 (Motor Run) (Prover) Size Well on Line: Started 20 at (AM) (PM) Taken 5/3 20 14 at 9:30 (AM) (PM) Taken 20 at (AM) (PM) Taken 20	Type Completion (Describe) Gas Well)/ No
Pressure Buildup: Shut in 5/2 20 14 at 9:30 AMD (PM) Taken 5/3 20 14 at 9:30 AMD (PM)	Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide						Gas Gravity - G _o	
Veil on Line Started 20 at (AM) (PM) Taken 20 at (AM) (PM) (AM) (PM) (PM) (AM) (PM) (PM) (PM) (AM) (PM) (PM) (PM) (PM) (PM) (PM) (PM) (P		epth(H)				Pre	essure Taps				(Meter	Run) (Prover) Size
Static Orifice Size Press Pressure	Pressure	Buildup	o: S	hut in <u>5/2</u>	20	14 at 9	:30	(AM)(PM)	Taken_5/	3	20	14 at 9:30	(AM)(PM)
State / Orifice Circle one: Pressure Prover Pressure Coefficient Prover Pressure Presure Pressure Pressure Pressure Pressure Pressure Pres	Well on L	ine:	S	tarted	20	at		(AM) (PM)	Taken		20	at	(AM) (PM)
Static / Orifice / Orifice / Original of the company of the control of the contro		-			-		OBSER\	/ED SURFAC	E DATA			Duration of Shut-	-in_24Hor
Continue	Static /		Orifice Meter		Differential		Temperature	Wollhood	_		· ·	Duration	Liquid Produced
Shut-In 30 25 Shut-In Flow STREAM ATTRIBUTES Plate Coefficient (F ₁)(F ₂) Press Extension Factor Factor For Prover Pressure pela Press Press Extension Factor Fact	Dynamic Property	1		Prover Pressu	re in			(P _w) or (F	P ₁) or (P _c)) (P _w) or (P _t)	or (P _t) or (P _c)		
FLOW STREAM ATTRIBUTES Plats Coefficient (F _p) (F _p) Moder or position (F _p) (F _p) Moder or position (F _p) (F _p) Flowing Temperature Factor Fa	Shut-In	_		poig (i iii)	mones rigo				psia		psia		
Plate Coefficient Meter or Meter or Prover Pressure plate (F _p) (Mcfd) Prover Pressure plate (Cubic Feet) Factor F _n (Mcfd) Prover Pressure plate (Cubic Feet) F _n (Mcfd) Prover Pressure (Cubic Feet) F _n (Mcfd) Prover Pressure plate (Cubic Feet) F _n (Mcfd) Prover Pressure (Cubic Feet) F _n (Mcfd) Prover Pressure plate (Cubic Feet) F _n (Mcfd) Prover Pressure (Cubic Feet) F _n (Mcfd) Prover Pressure (Cubic Feet) Prover Pre	Flow						-						
Coefficient (F _p) (F _p) Prover Pressure pala (Cubic Feet Factor F _n) (F _p)			,		· · · · · · · · · · · · · · · · · · ·		FLOW ST	FREAM ATTR	RIBUTES	l			
P _c) ² = : (P _w) ² = : P _d = % (P _c -14.4) + 14.4 = : (P _d) ² = (P _d) ² = : (P _d) ² = : P _d = % (P _c -14.4) + 14.4 = : (P _d) ² =	Coeffiecient $(F_b)(F_p)$		Meter or Prover Pressure		Extension	Factor		Temperature Factor	nperature Factor F		R	(Cubic Fe	et/ Fluid Gravity
P _c) ² = : (P _w) ² = : P _d = % (P _c -14.4) + 14.4 = : (P _d) ² = (P _d) ² = : (P _d) ² = : P _d = % (P _c -14.4) + 14.4 = : (P _d) ² =													
Choese formula 1 or 2: 1. Pe²-P² 2. Antilog Deliverability Pe²-P² 2. Pe²-P² 2. Pe²-P² 2. Antilog Deliverability Pe²-P² 2. Pe²-P² 2. Pe²-P² 2. Antilog Deliverability Pe²-P² 2. Pe²-P² 2. Antilog Deliverability Pe²-P² 2. Antilog Deliverability Pe²-P² 2. Pe²-P² 2. Antilog Deliverability Pe²-P² 2. Pe²-P² 2. Antilog Deliverability Pe²-P²-P² 2. Antilog Deliverability Pe²-P²-P² 2. Antilog Deliverability Pe²-P²-P² 2. Antilog Deliverability Pe²-P²-P² 2. Antilog Deliverability Pe²-P²-P²-P²-P²-P²-P²-P²-P²-P²-P²-P²-P²-P²	(P _c) ² =		_:	(P _w)² =	:	•			•		:		
Den Flow Mctd @ 14.65 psia Deliverability Mctd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of e facts stated therein, and that said report is true and correct. Executed this the	(P _c) ² - (F or (P _c) ² - (F) ² o _d) ²	(P _e))²- (P _w)²	1. P _c ² -P _a ² 2. P _c ² -P _d ²	formula 1. or 2. and divide	P _c ² -P _w ²	Slo As	pe = "n" - or ssigned	n x	roe	Antilog	Deliverability Equals R x Antilo
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of e facts stated therein, and that said report is true and correct. Executed this the					· · ·				_				
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e facts stated therein, and that said report is true and correct. Executed this the	<u>.</u>	_		authority or			tataa that						
Witness (if any) Quantum Resources Management, LLC For Company Checked by MAY 2 9 20			_	•				•			•	it and that Ne Na	•
For Commission Checked by MAY 2 9 20											urces Manag	ement, LLC	
				Witness (if	(any)						For C		
RECEIVE				For Commi	ission			-			Chec	ked by	MAY 29 20
													RECEIVE

I deciare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Quantum Resources Management, LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment 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 Adams Ranch F-12 gas well on 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 further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 5/14/14 MAY 15 2014 RECEIVED
Signature: L. M. Maduys Title: 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.

KCC WICHITA
MAY 29 2014