KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERAL

KCC WIGHTS 2014

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Type Test:			POINT ST	(See Instruc	tions on Rev	verse Side)		14(CEIVED
_ :	en Flow			Test Date					No. 15		· CO
✓ Deliverability 5/3/14					/3/14 119-21125						
Company Quantum		rces Manag	ement, LLC			Lease Adams I	Ranch			13-10	Well Number
County Meade				Section 10		TWP 35S	_		/W)		Acres Attributed
Field Cimmaron Bend			Reservoir Chester	/ / St. Gen		Gas Gathering Co			ection		
Completion Date 4/25/04				k Total Dep	th	Packer Set at		Set at			
Casing Size Weight 5 1/2" 15.5#			Internal [Diameter	Set at 6388'		Perforations 5943'-6044'		To 6263'-6279'		
Tubing Size Weight 2 7/8"			Internal D	Diameter	Set a	Set at 6142'		Perforations		To	
Type Completion (Describe) Gas Well			Type Fluid Production Gas, Oil, Water			Pump Unit or Traveling F Pumping Unit			g Plunger? Yes	Plunger? Yes / No	
Producing	Producing Thru (Annulus / Tubing)				arbon Diox		% Nitrogen		Gas Gravity - G _g		
Tubing Vertical De	epth(H)				Pres	sure Taps				(Meter I	Run) (Prover) Size
	· · · · · · · · · · · · · · · · · · ·	5/2	2	14 1	0.30		Ę.F			14 10-30	
Pressure E		Snut in	2			(AM) (PM)				14 at 10:30	(AM)(PM)
Well on Li	ne;	Started	20	0 at	_	(AM) (PM)	Taken		20	at	
		Circle one:	. 1		OBSERVE	D SURFACE		Π		Duration of Shut-	in 24 Hours
Static / Dynamic Property	Dynamic Size Pro		Differential in	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In		psig (Pm) Inches H ₂ 0			psig 50	psia	psig 55	psia		-
Flow											
			T		FLOW STE	REAM ATTRI	BUTES				
Plate Coeffiecie (F _b) (F _p Mcfd		Circle one: Meter or Prover Pressure psia Pn		Gravity Factor F		Temperature F		ation ctor pv	Metered Flo R (Mcfd)	w GOR (Cubic Fe Barrel)	I Gravity
<u> </u>			1						<u>.</u>		
(P _c) ² =	:	(P _w) ²	=:	(OPEN FLO		' ERABILITY) % (P) CALCUL ' _c - 14.4) +		:	(P _a) (P _d)	2 = 0.207 2 =
(P _c) 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: $P_c^2 - P_a^2$	LOG of formula	P. 2 - P. 2	Backpres Slop Ass	ssure Curve ee = "n" or signed ard Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
							_		_		
									-		
Open Flow			Mcfd @ 14.0			Deliverabi				Mcfd @ 14.65 psi	
	_	•	on behalf of the said report is true			-		make that day of <u>N</u>	•	ort and that he ha	s knowledge of
		on, and slat	sale roport is true	and collect	LAGOUIGU	and the		•			,,
		Witness	(if any)			_	Quantu	TI Kesoi		gement, LLC Company	KCC WIC
											TARA TITIO

I declare under penalty of perjury under the laws of the state of Kansas that I	
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Quantum Resonand that the foregoing pressure information and statements contained on this approximation and statements contained on this approximation.	
correct to the best of my knowledge and belief based upon available production sun	
of equipment installation and/or upon type of completion or upon use being made of	
I hereby request a one-year exemption from open flow testing for the Adams R	
gas well on the grounds that said well:	
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 underging is on vacuum at the present time; KCC approval Docket No	D
Signature:	digz

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 2 9 2014

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