KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				,	(See Instr	uctions on Re	verse Sid	θ)			
	en Flow diverabil				Test Date	-			AP	l No. 15 - 11 9	-20 210 - Ol	∞
					6/22/20	11						
Company Quantur		urces					Lease Adams	Ranch			F-5	Well Number
County Location Meade 1250' FNL, 330' FWL			Section 3		TWP 35S			RNG (E/W) 29W		Acres Attributed		
Field Cimman	on Ben	d			Reservoi Morrow	•			Gas Ga	thering Conn	ection	RECEIVEL
Completic 2/24/197						k Total De	epth		Packer :	Set at		JUN 2 8 20 KCC WICHIT
Casing S			lght		Internal I	Diameter		Set at Perfor		orations	То	KCC WICHIN
4 1/2" Tubing S	ize	10. We	5# ight	.	Internal I	Diameter		5915' Set at		2"- erations	5848' To	
2 3/8"	nalotica	4.7 (Describe)	#		Too Elvi	d Deadus	5840)' -	Pump Unit or Traveling i			
Gas We	ell .				gas, w	d Product ater	10n			nit or Traveling Plunger	Plunger? Yes	/ No
Producing Tubing	Producing Thru (Annulus / Tubing) Tubina				% (Carbon Did	oxide		% Nitrogen		Gas Gravity - G	
Vertical D	epth(H)				- 	Pr	essure Taps				(Meter F	Run) (Prover) Size
Pressure	Duildus	Shut in	6	21 2	. // /	0'45	(60) (PM)		1. 1.			
Well on L	•	Started					_ (609) (PM) _ (609) (PM)				11 at 11:0	
				L			— (GIM) (FIM)	18.6911		20	11 BI 11:0	E (BM) (PM)
		Circle or		D		OBSER	VED SURFACE				Duration of Shut-i	in 24 Hours
Static / Orifice Dynamic Size Property (inches)		Mete.	oter Differential		Flowing Well Head Temperature t t		Weilhead (P _w) or (P	(P_w) or (P_t) or (P_e)		Tubing ead Pressure r (P _t) or (P _o)	Duration L (Hours)	Liquid Produced (Barrels)
Shut-In			•			<u> </u>	153	psta	psig 16C	psta		-
Flow							140	•	120	~		
						FLOW S	TREAM ATTR	BUTES	· · · · · · · · · · · · · · · · · · ·			
Plate Coefflec (F _e) (F Mcfd	lent ,)	Circle one: Mater or Prover Pressure psia	,	Press Extension Pmxh	Grav Fac	tor	Flowing Temperature Factor F _{f1}	Fe	riation actor = pv	Metered Flov R (Mcfd)	(GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _a
				<u></u>	(ODEN EL	OWA (DEL	(VERABILITY)	CAL C!!!	ATIONS		<u> </u>	
₽。)² =		: (P _*)	° =	:	P _d =			, CALCUL , - 14.4) +		:	(P _a)² (P _d)²	? = 0.207 ? =
(P _e) ² - (F	_	(P _e) ² · (P _w) ²		ose formule 1 or 2: 1. P _a ² - P _a ² 2. P _a ² - P _a ² sed by: P _a ² - P _a ²	LOG of formute 1, or 2, and divide by:	P.2. P.2	Backpres Slop Ass	ssure Curve be = "n" orsigned and Slope		roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flor	w		1	Mcfd @ 14.6	35 psia		Deliverabi	ility	 L	····	Mcfd @ 14.65 psis	L
The u	ındersig	ned authority,	on b	ehalf of the	Company, s	tates that	he is duly au	thorized t	o make ti		rt and that he has	
		rein, and that		_				21	day of	June		. 20 11
1	sil		s (it am)		_	Q	na-tu	~ Re	sources	
										For C	ompeny	
		For Co	mmissio	n			_			Chec	ked by	······································

exempt status under Rule K.A.R. 82-3-304	der the laws of the state of Kansas that I am authorize on behalf of the operator Quantum Resources Managion and statements contained on this application form	ement				
orrect to the best of my knowledge and be	elief based upon available production summaries and	lease records				
hereby request a one-year exemption	of completion or upon use being made of the gas well he from open flow testing for theAdams Ranch F-5	erein named.				
as well on the grounds that said well:	THOM open now testing for the					
(Check one)		RECE				
is a coalbed methane pr	JUN 2 8					
is cycled on plunger lift	[1					
is a source of natural gas for injection into an oil reservoir undergoing ER						
	sent time; KCC approval Docket No.					
is not capable of produc	cing at a daily rate in excess of 250 mcf/D					
I further agree to supply to the best of a aff as necessary to corroborate this claim	my ability any and all supporting documents deemed in for exemption from testing.	by Commission				
ate: 6/22/2011						
	Signature: Miss Internation Fore					
s	Signature:					

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.