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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:					(See Instruc	tions on Re	verse Side	e)					
Open Flow Deliverabilty				F2/13	72012		897°25-980 ∞∞							
SWAF	₹K F	RICI	HARDSC	N FAMILY			ולאללו	S-WHI			;	Well No	umber	
RIOWA NW NW SE				Section 27		тw. 27		FNG (EW)			Acres Attributed			
WC(unnamed disc)					RiND	ÉRHOO	K		Gas Gathering Connection				·-	
Completion Date 02/15/1984				Plug Bac 4722	k Total Dept	th		Packer S n/a	Set at					
Casing Size Weight 8 5/8 24				Internat (Diameter	Set 4	Set at 400'		rations 4-87, 4671	-75 ^{To}				
Tubing Size Weight 4 1/2 10.5				Internal [Diameter	Set at 4759'		Perforations						
Type Cor	npletic	on (D	escribe)		Type Flui WATE	id Production	1		Pump Ui PUMF	nit or Traveling	Plunger?	Yes / No		
Producing	g Thru	(An	nulus / Tubing	j)	% C	Carbon Dioxi	de		% Nitrog	jen	Ga	s Gravity -	G _g	
Vertical C	Depth(H)				Pres	sure Taps					eter Run) (P 067	Prover) Size	
Pressure	Builde	ıp:	12/ ⁵ Shut in	15 2	12 1 0 at	0am	(AM) (PM)	12 Taken	2/16	20	12 10a	am	(AM) (PM)	
Well on L	.ine:		Started	20	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
	r					OBSERVE	D SURFAC	E DATA	-		Duration of 5	24 Shut-in	Hours	
Static / Orifice Dynamic Size Property (inches		ze	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)		id Produced (Barrels)	
Shut-In	.500		39	8			100	psia	psig	psta		1/2	1/2	
Flow														
						FLOW STR	EAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension Pmxh	Gravity Factor F _g		Temperature F		viation Metered Flor actor R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
					_	-				32.5				
(D \2 =			(P _w) ² =		•	OW) (DELIV						$(P_a)^2 = 0.2$		
$(P_c)^2 = {(P_c)^2 \cdot (P_a)^2}$ $(P_c)^2 \cdot (P_a)^2$		(P _c) ² · (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _c ² divided by: P _c ² - P _w ²	,		% (P _c - 14.4) + Backpressure Curve Slope = "n"		n x LOG		Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow	w			Mcfd @ 14.6	S5 psia		Deliverab	ility			Mcfd @ 14.6	5 psia		
The c	ınders	igned	authority, on	behalf of the	Company, s	tates that he	e is duty au	thorized to	make th	e above repo	rt and that h	e has know	rledge of	
he facts st	tated t	herei	n, and that sa	id report is true	and correct	t. Executed	this the	· u I	day of			REC	EIVED	
 ·-			Witness (if	any)			_			For C	ompany	MAR	1-1-2013	
			For Commi	ssion			-			Chec	ked by	KCC V	NICHIT A	

I decla	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request tus under Rule K.A.R. 82-3-304 on behalf of the operator J MARK RICHARDSON TRUST/dba RII
	e foregoing pressure information and statements contained on this application form are true and
correct to the	ne best of my knowledge and belief based upon available production summaries and lease records
	nt installation and/or upon type of completion or upon use being made of the gas well herein named. y request a one-year exemption from open flow testing for the
	the grounds that said well:
I furthe staff as neo	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 r agree to supply to the best of my ability any and all supporting documents deemed by Commission ressary to corroborate this claim for exemption from testing.
Date: Dece	
	•
	Signature: <u>Sim Santellan</u>
	Title:TRUSTEE/MANAGER

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 received.

December 31 of the year for which it's intended to acquire exempt status for the subject well. The form states signed and dated on the front side as though it was a verified report of annual test results.