SIP

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	tions on Reve	erse Side)			
Op	en Flo	N			Test Date	a.			API N	No. 15		
De	liverab	ilty			10/01/20					99-20361-0	0000	
Company Raven R		ces					Lease Gebhard	s			1-36	Well Number
County Wallace		,	Locati	on	Section 36		TWP 11		RNG (E/V 42W	V)		Acres Attributed
Field					Reservoir Niobrara				Gas Gath	ering Conn dstream	ection	
Completic 8/28/200		е			Plug Bac 1120	k Total Dept	th		Packer Se	et at		
Casing S 4-1/2"	ize		Weigh	t	Internal [4.090	Diameter	Set at 1175		Perfora 930	ations	то 962	
Tubing Size 2.375			Weigh	t	Internal Diamete 1.995		Set at 916		Perforations		То	
Type Completion (I Single Gas			escribe)		Type Fluid Production None				Pump Unit or Traveling Plunger? Yes / No No			
Producing Tubing	g Thru	(Anr	nulus / Tubin	3)	% C	Carbon Dioxi	de		% Nitroge	n	Gas Gr	avity - G _g
Vertical D	epth(H	l)				Pres: Flan	sure Taps ge				(Meter I 2.067	Run) (Prover) Size
Pressure	Buildu	p: :	Shut in 9/3	0 2	08 at 1	0:00 AM	(AM) (PM)	Taken_10)/1	20	08 at 10:00A	AM (AM) (PM)
Well on L	ine:		Started	20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in Hours
Static / Dynamic Property	Orifi Size (inche	e	Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead P (P _w) or (P ₁)	ressure	Wellhea	bing d Pressure (P _t) or (P _c) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In				2			7.4	рош	7.4	pole	24	
Flow												
· ·				I	<u> </u>	FLOW STR	REAM ATTRII	BUTES				
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or ver Pressure psia	Press Extension P _m x h	Grav Fac F	tor	Flowing Temperature Factor F,				OCIVED Barrel) RATION COMMISSIO	et/ Flowing Fluid Gravity G _m
										NOV 0	6 2008	la·
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS	CONSEDU	(P _a)	² = 0.207
(P _c) ² =		_:	(P _w) ² =	•	$P_d =$		% (P _c	- 14.4) +	14.4 =	WICHIT		
(P _c) ² - (I or (P _{.c}) ² - (I		(F	(P _w) 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 1. or 2. and divide	P _c ² -P _w ²	Slope Assi	sure Curve e = "n" or gned rd Slope	n x I (Г٦	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
	<u>.</u>										M-64 @ 44 C5	:-
Open Flo				Mcfd @ 14.			Deliverabil				Mcfd @ 14.65 ps	
		•		n behalf of the					o make the		ort and that he ha	as knowledge of, 20
			Witness (f any)						For	Company	
			For Comm	nission			_			Che	cked by	

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Raven Resources
and that correct to of equipn I here	the foregoing pressure information and statements contained on this application form are true and of the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named. Beby request a one-year exemption from open flow testing for the
	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 ther agree to supply to the best of my ability any and all supporting documents deemed by Commission secessary to corroborate this claim for exemption from testing.
Date: <u>10</u>	7/24/2008
	Signature: Duy President

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.