SIP TEST

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Open Delive	erabilty			Test Date 11-13-1				API	No. 15 - 175	5-20,573-0	000	
Company H & C OPE	RATIN	NG CO.				Lease LOFFLA	ND			1-17	Well Number	
County SEWARD		Locatio C NW	n	Section 17		TWP 35S		RNG (E/ 31W	W)	j	Acres Attributed	
Field			radicates control and more decreased thanks of held	Reservoi					hering Conn		NOT A WILLIAM OF THE PROPERTY	
Completion 12-23-82	Date	HARRING STATES OF BUILDING STATES OF STATES	THE STATE OF THE S	Plug Bac	k Total Dept	h		Packer S	Set at			
Casing Size 5.5	asing Size Weight			Internal Diameter 4.950		Set at 5320		Perfo 553	rations 6	To 5565		
Tubing Size 2 1/16	ubing Size Weight			Internal (Diameter				rations	То		
Type Comple SINGLE C			matiki (; bijdaassa maga apin pamana paga gagadi Piki		d Production			Pump Ur NO	nit or Traveling	Plunger? Yes	/ No	
		nulus / Tubing)			Carbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G	
Vertical Dep	th(H)					sure Taps				(Meter F	Run) (Prover) Size	
Pressure Bu	ildun,	Shut in11-1	2-13	0at_0	FLAN 915	(AM) (PM)	Takan 11	-13-13	20	3.068 at 0915	(AM) (PM)	
Well on Line										at		
			 		OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24.0 Hour	
Dynamic	Orifice Size inches)	Circle one: Mater Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Weil Head Temperature t	Wellhead F	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		ubing ad Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrets)	
Shut-In			2			psig	psia	365.3	379.7	24.0		
Flow									<u>l</u>			
Plate		Circle are	Press			EAM ATTR	T				Flowing	
Coefficient (F _b) (F _b) Mold		Meler or over Pressure psia	Extension	Grav Fac F	tor 7	emperature Factor	Fa	iation ctor :	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	Eluid	
(P _c) ² =		(P _w) ² =		•	OW) (DELIV	•	CALCUL - 14.4) +			(P _s) [*] (P _d) [*]	? = 0.207 ? =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_a)^2$	2 (1	P _c) ² - (P _w) ²	noase formula 1 of 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_a^2$ wided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P2-P2	Backpres Slop 	sure Curve e = "n" origned ird Slope		-OG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
		1						-				
Open Flow				 55 psia		Deliverability				Mcfd @ 14.65 psia		
	lersiane	d authority, on			states that h			o make th		rt and that he ha		
		in, and that sai							OVEMBER		. 20 13	
Care	40	kee u	LYbite		1400 V	VICUIT	- Pr	A/SI	m //22	elma of the company	anne	

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lo	leclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	ot status under Rule K.A.R. 82-3-304 on behalf of the operator H & C OPERATING CO.
	at the foregoing pressure information and statements contained on this application form are true and
	t to the best of my knowledge and belief based upon available production summaries and lease records
	ipment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the LOFFLAND 1-17
jas w	ell 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
	urther agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff a	s necessary to corroborate this claim for exemption from testing.
Date: _	11-27-13
	Marker Raman
	Signature: MMWR Ramsay Title: PRESIDENT
	Title: 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.