KANSAS CORPORATION COMMISSION SIP Test One Point Stabilized Open Flow or Deliverability Test

Type Tes	t:				(See Instruc	tions on Re	verse Side	e)				
[Op	en Flo	w			Tool Date				A D1	N- 15			
De	eliverat	oilty		•.	Test Date 11-13-1				15-	No. 15 175-20374	-0000		
Company H,& C O		ER	ATING, INC		·		Lease SOUTH	HWEST C	OLLEGE	=	1	Well Number	
County Location SEWARD NW NE				Section 19	Section		TWP RNG (E/W 31S 31W		W)		Acres Attributed		
Field					Reservoir MORRO		Maria de 1880 (188			hering Conr	nection	Haland O conductivity on the property of the state of the	
Completion 12-17-78		e			Plug Bac	k Total Dept	th		Packer S NONE	Set at			
Casing S 4.5	Casing Size Weight 4.5 10.5			it	Internal Diameter 4.052		Set at 5601		Perforations 5472		то 5488		
Tubing S 2.375	Tubing Size 2.375			Weight 4.7		Internal Diameter 1.995		Set at 5468		rations	То		
Type Completion (Describe) SINGLE GAS				Type Flui NONE	d Production	n	Pump Unit or T NO		nit or Travelin	g Plunger? Yes	/ No		
Producing TUBING		(Ani	nulus / Tubin	g)	% C	Carbon Dioxi	de		% Nitrog	เอก	Gas G .683	ravity - G _g	
Vertical Depth(H) 5480				Pressure Taps FLANGE						(Meter Run) (Prover) Size 4.026"			
Pressure	Suildu	ıp:	Shut in 11-	12-13	20 at1	145	(AM) (PM)	Taken 1	1-13-13	20	at_1145	(AM) (PM)	
Well on L	.ine:		Started	2	20 at		(AM) (PM)	Taken		20) al	(AM) (PM)	
			i -			OBSERVE	D SURFAC	E DATA		1	Duration of Shut	-in 24.0 Hours	
Static / Dynamic Property	namic Size		Giicle one Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _*) or (P _c)		Wellhe (우 _국) o	rubing lad Pressure r (P ₁) of (P ₂)	Duration (Hours)	Liquid Produced (Barrels)	
Shul-In			pos (· ···,				197.8	212.2	198.8	213.2	24.0		
Flow													
[1			1		FLOW STR	REAM ATTE	RIBUTES					
Plate Coeffiecient (F _p) (F _p) Motd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m xh	Grav Fac F	tor	' Tomboraturo		Deviation Factor F _{pv}		ow GOR (Cubic F Barrel	eet/ Fluid	
	i	٠	- +		-		*						
(P _c) ² =			(D.)2_	;	(OPEN FL	OW) (DELIV		•			-) ² = 0.207) ² =	
(, e, =		=-	(, <u>,,</u> /	Choose formula 1 or a	2:		1	P _c - 14.4) + essure Curve	T		\' 0	T	
$(P_c)^2 - (P_s)^2$ or $(P_c)^2 - (P_a)^2$		(P _c) ² - (P _w) ²		 P_c² · P_a² P_c² · P_a² divided by: P_c² · P_w 	LOG of formula 1, or 2, and divide by:	P.2. P.2	Slope = "n" or Assigned Standard Slope		nx	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
										· •			
Open Flow Mcld @ 14.				65 psia		Deliverability		•		Mcfd @ 14.65 psia			
					-		•				ort and that he h		
ine racts s	iaied t	nerei	in, and that s	aid report is tru				TA 4	day of	OVEMBER :		, 20 . 13	
Cop	oy_	40	KCC	Within	fa	KCC V	VICHI	Tyre	265/00	Wirel	no 4 Test	ng	
n canadan sanaan san			For Comm	nission		_DEC_0	2 2013			Mars	Company Bre	2	
										J.1.			

exempt status und and that the fore- correct to the bes of equipment inst I hereby requ	ler, penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator H&C OIL OPERATING, INC. going pressure information and statements contained on this application form are true and it of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named est a one-year exemption from open flow testing for the SOUTHWEST COLLEGE #1 rounds 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 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 e to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: 11-27-	Signature: Mark Ramsan 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.