## SIP TEST

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(	See Instruct	ions on Rev	rersø Side	e)					
Open	Flow												
Deliverabilty			Test Date: 11-13-13				API 15-	API No. 15 <b>29.4</b> 15-175-21 <b>,⊞3 − 0</b> 000					
Company H & C OIL OPERATING, INC.			Lease SOUTHWEST C				. Well Nur OLLEGE 3			mber			
County Location SEWARD 990' FNL & 990' FWL		Section 19				RNG (E 31W	/W)		Acres Attributed				
Field		Reservoir MORRO		1444			thering Conn			AUTOMAKA TO TO THE			
Completion Date 1-28-93			Plug Back Total Depth 5531			Packer Set at NONE			(a)		MARIA AND ALL TO THE STATE OF T		
Casing Size 4.5	asing Size Weight			Internal Diameter 4.052		Set at 5583		Perforations 5462		то 5475			
Tubing Size	ubing Size Weight		Internal Diameter		Set at		Perforations		То				
Type Comple	2.375 4.7 Type Completion (Describe)			1.995 Type Flui	d Production	5461	Pump Unit or Trave		nit or Traveling	ing Plunger? Yes / No			
SINGLE				NONE	·	white the same of		NO					
TUBING		nulus / Tubing)	) 	% C	Carbon Dioxi			% Nitro	en	.671	avity - G	•	
Vertical Dep	th(H)				Press FLAN	sure Taps VGE				(Meter 3.068		rover) Size	
Pressure Bu	ildup:	Shut in 11-1	2-13 2	0 at	200	(AM) (PM)	Taken 1	1-13-13	50	at_1200	(	(AM) (PM)	
Well on Line	:	Started	2	0 a1	······	(AM) (PM)	Taken		20	at	(	(AM) (PM)	
			-		OBSERVE	D SURFACE	DATA			Duration of Shut-	in _24.	0 нои	
Static / Orifice Dynamic Size Property (inches)		Cucte one Pressure Mater Differential Prover Pressure in psig (Pm) Inches H <sub>2</sub> 0		19mperature Lemperature		(P, ) or (P, ) or (P,		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		paig (i iii)	IIICIIOS 71 <sub>2</sub> 0			psig 157.9	psia 172.3	47.7	62.1	24.0	-		
Flow													
		·····			FLOW STR	EAM ATTRI	BUTES		<del></del>				
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Girdle and: Meter Or cover Pressure psia	Press Extension Pmxh	Grav Fac F	tor 1	Flowing Femperature Factor F <sub>II</sub>	Fa	viation actor	Metered Flo R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>in</sub>	
<u> </u>						- UL	<u>i</u>					<u> </u>	
(P <sub>c</sub> ) <sup>2</sup> =	,	(P ) <sup>2</sup> =		-	OW) (DELIV	•				•	) <sup>2</sup> = 0.2 <sup>1</sup>		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 \cdot (P_a)^2$	' (	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>2</sub> · P <sub>2</sub> 2	LOG of formula 1. or 2. and divide	LOG of formula 1. or 2. and divide p 2. p 2		Sackpressure Curve Slope = "n" Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
			livided by: Pc2 - Pw	by:		Starius	0.000	<del>-  </del>					
		<del>-, -</del>									1		
Open Flow		Mcfd @ 14.65 psia				Deliverability			Mcfd @ 14.65 psia				
The und	lersigne	ed authority, on	behalf of the	Company, s	states that h	e is duly au	thorized t	o make t	ne above rep	ort and that he ha	as know	ledge of	
the facts state	ed there	ein, and that sai	id report is true	and correc	t. Executed	this the 13	}	day of	IOVEMBER	dianta modifi) no quan popula apparation de l'annuel d	, 4	20 13	
the facts state	ed there	bin, and that sail	id report is true	e and correc	t. Executed	this the 13	<b>}</b>	day of	IOVEMBER		, , , ,	20 13	

exempt status under and that the foregode correct to the best of equipment install I hereby reques	The penalty of perjury under the laws of the state of Kansas that I am authorized to request at Paragraph Property I am authorized to request and Paragraph Property I am authorized to request I am Authorized to
I further agree	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>11-27-13</u>	<u> </u>
	Signature: <u>Manuer</u> Rammey  Title: <u>PRESIDENT</u>

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.