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

Type Test	t:					(	See Instruc	tions on Re	everse Side	9)				
	en Flo	w												
[ ] De	liverab	ilty				Test Date 4-17-12					No. 15 75-20374 <sup>-</sup>	00-00		
Company H & C O		ERA	ATING, INC	 :.				Lease SOUTI	-IWEST C	OLLEGE		1	Well Nu	mber
County SEWAR	D		Locat NW N		-	Section 19	<u> </u>	TWP 31S		RNG (EM 31W	V)		Acres A	Attributed
Field						Reservoir MORRO				Gas Gath	ering Conne	ection	<u> </u>	
Completion 12-17-78		8				Plug Bac	k Total Dep	th		Packer Se NONE	et at			
Casing S 4.5	İΖΘ		Weigi 10,5	11		Internal E 4.052	Diameter	Set 560		Perfore 5472		To 5488		
Tubing Si 2.375	Ze		Weigi 4.7	nt		Internal D	Diameter	Set 546	at	Perfore	itions	То		
Type Con SINGLE			escribe)		<u></u>	Type Flui NONE	d Production	n		Pump Unit	or Traveling	Plunger? Yes	/ No	
Producing TUBING	-	(Ani	nulus / Tubin	g)		% C	Carbon Dioxi	ide		% Nitroger	n	Gas Gr .683	avity - (	3,
Vertical D	epth(H	1)					Pres	sure Taps					Run) (P.	rover) Size
5480							FLA	NGE				4.026	, ,	
Pressure	Buildu	p:	Shut in 4-1	6-	12 2	0 at	345	(AM) (PM)	Taken 4-	17-12	20	at 1345	(	AM) (PM)
Well on L	ine:		Started		2	0 at		(AM) (PM)	Taken		20	at	(	AM) (PM)
				· · ·			OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24.	0Hours
Static / Dynamic Property	Orific Size (inchi	8	Circle one Meter Prover Press psig (Pm)	ure	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature I	Well Head Temperature t	Wellhead (P_) or (I	sing Pressure P <sub>1</sub> ) or (P <sub>e</sub> )	We‼head (P <sub>=</sub> ) or (	bing 1 Pressure P <sub>t</sub> ) or (P <sub>t</sub> )	Duration (Hours)	Liqui	d Produced Barrels)
Shut-In			pang (r my	-	110100 1120			217.1	рвіа 231.5	psig 216.5	230.9	24.0		
Flow														
				,			FLOW STR	EAM ATT	RIBUTES					
Coeffieci	Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Gravi Extension Fact ✓ P <sub>m</sub> ×h F <sub>g</sub>		or Temperature		Deviation Factor F <sub>p</sub> ,		Metered Flow R (Mctd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
ļ 				_									· <u>-</u>	
(P <sub>c</sub> )² =		:	(P <sub>*</sub> )² =	:		(OPEN FLO	OW) (DELIV			ATIONS 14.4 =			'= 0.2	
(P <sub>e</sub> ) <sup>2</sup> - (F or (P <sub>e</sub> ) <sup>2</sup> - (F	· 1	(P	(P <sub>w</sub> )² · (P <sub>w</sub> )²	Choc	2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> ed by: P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	LOG of formula 1, or 2, and divide	b's-b's	Backpre Slo	essure Curve pe = "n" - or ssigned dard Stope	n x 10	[ ]	Antilog	Op Deli Equals	en Flow verability R x Antilog Mc(d)
						<u> </u>		-			·····	<del></del>		
Open Flov	v		<u>l</u>		Mcfd @ 14.6	 35 psia		 Deliverat	oility			Vicfd @ 14.65 psi	<b></b> a	
•		gned	authority, o				tates that h			o make the		t and that he ha		edge of
			n, and that s									···-		12
Cop	<sup>2</sup> y 5	6	KCC 1	لر	ichita			-	Prec	15171	Wire	sho of Te	STATE	CEIVEN
Cap	<u>g</u> 4	>	KOC L	) issio	de C	ity		-	<del></del>	برم	Check	And by	APR	2 5 201

	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 H & C OIL OPERATING, INC.
	e foregoing pressure information and statements contained on this application form are true and
	he best of my knowledge and belief based upon available production summaries and lease records
	ent 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 SOUTHWEST COLLEGE #1
gas well or	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
l furthe	er agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as ne	cessary to corroborate this claim for exemption from testing.
	-23-12
	-23-12
	-23-12
	-23-12
Date:	Signature:

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.