RECEIVED

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

Type Test:			(	See Instru	ictions on Reve	erse Side	)			
Open Flow			Test Date	):			API	No. 15		
Deliverabil	ty		09/02/13	3				077-20539-0	00-00	
Company WOOLSEY OP	PERATING COM	MPANY, LLC			Lease McKAIG				#1	Well Number
County Location HARPER 115 S, C SE		Section 20		TWP 32S			W)	,	Acres Attributed	
Field SULLIVAN EAST			Reservoir STALNA				Gas Gathering Connection WEST WICHITA GAS GATHER			G
Completion Date 9/26/79			Plug Back 3700	Total De	pth		Packer S NONE	et at	_	
Casing Size Weight 8.875 6.50			Internal Diameter 2.441			Set at Pe 3828 3		rations 2	то 3694	
Tubing Size			Internal Diameter 1.610			Set at 3720		rations EN	То	
Type Completion (Describe) SINGLE			Type Flui		ion		Pump Ur PUMP	nit or Traveling	Plunger? Yes / No	
Producing Thru (	(Annulus / Tubing	)	% C	arbon Dio	oxide	***	% Nitrog	en	Gas Gr	avity - G <sub>g</sub>
Vertical Depth(H)	)			Pre	essure Taps				(Meter I	Run) (Prover) Size
Pressure Buildup	: Shut in 09/0	)2/13	at			Taken_09	9/03/13		at	(AM) (PM)
Well on Line:	Started	20	) at		_ (AM) (PM)	Taken		20	at	(AM) (PM)
				OBSER\	/ED SURFACE	DATA			Duration of Shut-	in Hours
Static / Orifice Dynamic Size Property (inche	Meter Prover Pressur	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well H Temperature Temperature		wellhead Pressure $(P_*)$ or $(P_!)$ or $(P_!)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	pos_(vy				psig 67	psia	psig 25	psia	24	-
Flow										
			<b>-</b>	FLOW S	TREAM ATTRI	BUTES			_ <del></del>	
Plate Coefficient (F <sub>b</sub> )(F <sub>p</sub> ) Mcfd  Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> xh	Grav Fact	tor	Flowing Temperature Factor F <sub>11</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravity
		-								
P <sub>c</sub> ) <sup>2</sup> =	_: (P <sub>*</sub> ) <sup>2</sup> =_	:	(OPEN FLO	OW) (DEL	IVERABILITY) % (P	CALCUL - 14.4) +		:	(P <sub>*</sub> ) (P <sub>o</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>	(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> - P <sub>g</sub> <sup>2</sup> 2. P <sub>g</sub> <sup>2</sup> - P <sub>g</sub> <sup>2</sup> stivided by: P <sub>c</sub> <sup>2</sup> - P <sub>g</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide	P.2. P.2	Backpress Slope 	sure Curve 9 = "n" origned rd Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow		Mcfd @ 14.	65 psia		Deliverabil	lity			Mcfd @ 14.65 ps	ia
The undersig	gned authority, or	behalf of the	Company, s		t he is duly aut	horized to		ne above repo		as knowledge of
ne facts stated the	erein, and that sa	id report is true	and correc	t. Execut	ed this the <u>09</u>			ECEMBER	$\bigcirc$	, 20 <u>13</u> .
	Witness (if	any)			. <u> </u>	W	in R	Nalla	Cooppany	KCC WICH
	For Commi	ission	<del></del>		-			Che	cked by	DEC-18-20

exempt and tha correct of equip	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC the foregoing pressure information and statements contained on this application form are true and to 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. The reby request a one-year exemption from open flow testing for the McKAIG #1
	on the grounds 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  ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date: <u>1</u>	Signature: Win R Hallaught Title: FIELD MGR.

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.