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

Type Test:  Open Flow			(\$	See Instructi	ons on Rev	erse Side	15-	007-2	20091-0	$\infty$	
Deliverability			Test Date: 8/24/10				API No. 15 15 <del>-695</del> -20091 <b>-</b> 0000				
Company WOOLSEY OPER	RATING CON	MPANY. LLC	<u> </u>		Lease HAYNES	 }		707		Well Numb	Der Territoria
ounty Location ARBER C NW NE			Section 3		TWP 31S		RNG (E/W) 10W		Acres Attributed		
Field ALMA	ld			Reservoir MISSISSIPPI			Gas Gathering Connection ONEOK FIELD SERVICES				
Completion Date 3/30/69	•			Total Dept	h		Packer Set at NONE				
Casing Size 4.500	-			Internal Diameter 4.052		Set at 4540		rations	то 4484		
Tubing Size 2.375	g Size Weight			Internal Diameter 1.995		Set at 4511		rations	То		
Type Completion (Describe) SINGLE			Type Fluid Production OIL, WATER					it or Traveling	g Plunger? Yes / No		
Producing Thru (Annulus / Tubing)			% Carbon Dioxide				% Nitrogen		Gas Gravity - G <sub>g</sub>		
/ertical Depth(H)	Pressure Taps				(Meter Run) (Prover) Size			/er) Size			
	Shut in8/23	3/10 20	) at		(AM) (PM)	Taken_8/	24/10	20	at	(AI	———— И) (PM)
·					/l) Taken 20						
				OBSERVE	D SURFACE	DATA			Duration of Shut-	-in	Hours
Static / Orifice Dynamic Size Property (inches)	mic Size Meter Differential		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>0</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		,		roduced (rels)
Shut-In	psig (Pm)	inches H <sub>2</sub> 0			psig 100	psia	psig O	psia	24		
Flow											
			'	FLOW STR	EAM ATTRI	BUTES	1			1	
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	coefficient   Meter or   Extension		Gravity Tector		Temperature Fa		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		W GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
(P <sub>c</sub> ) <sup>2</sup> =:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO		<b>ERABILITY)</b> % (P		.ATIONS - 14.4 =		(P <sub>a</sub> )	) <sup>2</sup> = 0.207	, 
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> (P <sub>c</sub> ) <sup>2</sup> - (P <sub>e</sub> ) <sup>2</sup> (P <sub>c</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>			LOG of formula 1. or 2. and divide p 2. p 2		Backpressure Curvi Slope = 'n" or Assigned Standard Slope		n x LOG		Antilog	Delive Equals F	n Flow erability t x Antilog cfd)
Open Flow		Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd <b>@</b> 14.65 ps	ia	
The undersigne	•		,		•			ECEMBER	ort and that he ha		dge of
	Witness (if	f any)		<del></del>	_		(	- ( )	company of		RECEIV
<del></del> .	For Commi	uission			_			Che	cked by	<del>)</del>	DEC 22

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request								
	tatus 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								
	the best of my knowledge and belief based upon available production summaries and lease records								
• •	nent installation and/or upon type of completion or upon use being made of the gas well herein named.								
	eby request a one-year exemption from open flow testing for the HAYNES 1								
gas well o	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								
	her agree to supply to the best of my ability any and all supporting documents deemed by Commission eccessary to corroborate this claim for exemption from testing.								
stan as n	ecessary to corroborate this claim for exemption from testing.								
Date: <u>12</u>	/9/10								
	Calwin								
	Signature:								
	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.