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

Type Test	.:					•	(See instruct	יוט צווטוו	verse Side)	1					
Ор	pen Flov	w				Toot Date				ADI	No. 15				
✓ De	eliverabi	oilty				Test Date: 01/18/2	<sub>:</sub> 2011 - 01/	/19/2011	{	15	No. 15 -047-20,342	2-000	$\mathcal{L}$		
Company F.G. Ho		 omp:	any, L.L.C	 ;				Lease	OWSKI-				Well Nu	ımber	
County			Location	ion		Section		TWP	-	RNG (E/	(W)		Acres A	Attributed	
Edward	Js					18		24\$		17W			<del></del>		
Field Wayne	NE F	Ext.				Reservoir Mississ				Gas Gair	ering Connec	ction Ngas go	ithe	ing L	
Completic 3/1978			2/1991			Plug Back 4432'	k Total Depth	1		Packer S	et at	<del>-0</del>			
Casing Si 4-1/2"	ze		Weigh 10.5#			Internal Di	iameter	Set a 448			rations 55.5' - 4376'	To			
Tubing Si	Tubing Size Weight			Internal Diameter		Set at		Perforations		То					
2-3/8" Type Com	npletio	n (De	escribe)			Type Fluir	d Production	439	<u>)7'</u>	Pump Ur	nit or Traveling	Plunger? Yes /	No	RI	
Single (	(Gas)	)				···				Yes		Gas Gra			
Producing Tubing	_	(Annı	nulus / Tubing)	)		% Carbon	i Dioxide			% Nitrog	en			-	
Vertical D		1)						ure Taps					un) (Pr	rover) Size	
		—	Shut in01/	/18	3/2011	8:	Flan		01	/18/201		2" at <u>8:00</u>			
Pressure Well on Li			Shut in Started _01/1					(AM) (PM) (AM) (PM)				0.00	*	(AM) (PM) (AM) (PM)	
				_											
····	Circle one: Pressure			<del></del>	OBSERVED SURFACE DATA  Casing			Tubing D		Duration of Shut-i	Ouration of Shul-in 24 Ho				
Static / Dynamic Property	Oynamic Size Pro		Meter or Prover Pressu psig	er or Differential Pressure in (h)		Flowing Temperature t	Well Head Temperature t	Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Wellhe	r (P <sub>1</sub> ) or (P <sub>2</sub> )	Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In		$\rightarrow$	F9	$\dashv$	1100000			140	psia	psig	psia	24	-		
Flow				$\top$											
							FLOW STR	REAM ATTR	RIBUTES	·			<u> </u>		
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Prossure psia			Press Gravit Extension Facto S P <sub>m</sub> x H <sub>m</sub> F <sub>e</sub>		or Temperature		Fa	riation actor = <sub>pv</sub>	Metered Flow R (Mc/d)	w GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G	
				L		(OPEN EL:	OWN (DELIN	EDARII ITY	CALCIII	ATIONS					
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =		:	P <sub>d</sub> =	OW) (DELIVI 		P <sub>e</sub> - 14.4) +		;	(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	2 = 0.2 2 =	<b>?07</b>	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(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>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>		LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x l	LOG	Antilog	Op Del	Open Flow Deliverability Equals R x Antilog Mcfd	
		_													
Open Flov	 w	<u></u>		 !	Mcfd @ 14.6	35 psia		Deliverabil	ility			Mcfd @ 14.65 psia	<u> </u>		
• •		ianec	d authority, or		<del>-</del>	· · · · · · · · · · · · · · · · · · ·	tes that he is			ake the ab		that he has know		of the facts	
	•	-	at said report			,			1 <sub>day of</sub>		muza	1704 essn)	1	19 <u> </u>	
	-	_	Witness (i	if any	<del>o</del>				_	0:	For C	Company		7	
			For Comm	missir	-en			-			Chec	cked by			

	-			the state of Kansas that I am autho	•
and that th the best of tion and/or	he foregoing of my knowle or of type co	g information and edge and belief b impletion or upor	d statements conta pased upon gas pro n use of the gas we	ined on this application form are tro oduction records and records of eq	ue and correct to uipment installa-
		nds that said well			
Date: <u>01</u>	is is is is	a coalbed metha cycled on plunge a source of natul on vacuum at the	er lift due to water ral gas for injection e present time; KC	into an oil reservoir undergoing EFC approval Docket Note in excess of 250 mcf/D	REC JAN
			Signature:	Loveness mp	mga

## Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.