## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:					(See Instruc	tions on Reve	erse Siae)	1				
Op	en Flo	w			T . D .				4.51				
<b>✓</b> De	liveral	oilty			Test Date 01/30/2	: 2014 - 01,	/31/2014			No. 15 5-185-23,1	70-00-00		
Company F.G. Ho		omp	any, L.L.C		0 17007		Lease OSBOF	RNE	·	0 100 20,1		Well Number	
County			Locati		Section		TWP		RNG (E	/VV)		Acres Attribut	ted
Stafford	d		NW N	<u>W</u>	17		218		14W				
Field John-D	rew				Reservoii Red Ea					hering Conne as Gatheri			
Completic 01/10/2		е			Plug Bacl 2730'	k Total Depth	1		Packer S	Set at			
Casing Size Weight 4-1/2" 10.5#			Internal Diameter		Set at 2772.51'			orations 37' - 2420'	То	То			
Tubing Size We			Weigh			nal Diameter		Set at Per 2420'		prations	То	То	
Type Con	noletio	n (De			Type Flui	d Production		, 	Pump II	nit or Traveling	Plunger? Yes /	. No	
Single	(Gas	)	·		Water				None				
	g Thru	(Ann	ulus / Tubing	)	% Carbor	n Dioxide			% Nitrog			avity - G <sub>g</sub>	
Tubing Vertical D	lonth/L	J\			0.11	Droop	ura Tana		17.72		0.683		0:
vertical D	eptn(r	1)				Pressu	ure Taps				(Meter R	un) (Prover)	Size
Pressure	Buildu			30/2014			(AM) (PM)	<sub>raken</sub> 0	1/30/20	)14 <sub>19</sub>	at 8:00	(AM) (	(PM)
Well on L	ine:	S	started 01/3	31/2014	9:at_9:	00	(AM) (PM)	raken <u>0</u> 1	1/31/20	14 19	at 9:00	(AM) (	(PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in_24	_ Hours
Static / Orific		i Meteror		Pressure Differential	Flowing Temperature	Well Head Temperature	ture   Wellhead Pressure		Tubing Wellhead Pressure		Duration	Liquid Produced	
Property			psig	in (h) Inches H <sub>2</sub> 0	t	t	psig	) or (P <sub>t</sub> ) or (P <sub>c</sub> )		r (P <sub>t</sub> ) or (P <sub>c</sub> ) psia	(Hours)	(Barrels)	
Shut-In							100				24		
Flow													
				·		FLOW STR	EAM ATTRI	BUTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension Š P <sub>m</sub> x H <sub>w</sub>	Grav Fact	or	Flowing Femperature Factor	Deviation Factor F <sub>pv</sub>		Metered Flov R (Mcfd)	GOR (Cubic Feet/ Barrel)		owing luid avity G <sub>m</sub>
										·			
45.10			.=		•		ERABILITY)					2 = 0.207	
(P <sub>c</sub> ) <sup>2</sup> =		<del>- :</del>	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2		9	% (Р <sub>с</sub>	- 14.4) +	14.4 =	<del></del> :	(P <sub>d</sub> )?	! =	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P	(c) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slope 	sure Curve e = "n" or gned rd Slope	n x	LOG	Antilog	Open Flo Deliverabi Equals R x A Mcfd	ility
				· · · · · · · · · · · · · · · · · · ·									
Open Flow Mcfd @ 14.65				5 psia		Deliverability	eliverability		Mcfd @ 14.65 psia				
				is true and corre		d this the	13Jh -	∟ day of		ove report and CONCY CNESS For C	that he has know	ledge of the f	facts
			For Comm	nission		KC	C WIC	HITA		Chec	ked by		

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exempt status and that the fo the best of my	under penalty or perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator F.G. Holl Company, L.L.C. pregoing information and statements contained on this application form are true and correct to knowledge and belief based upon gas production records and records of equipment installative completion or upon use of the gas well herein named.
	equest a permanent exemption from open flow testing for the OSBORNE e grounds that said well:
(Ch [ [ [ [	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 incapable of producing at a daily rate in excess of 250 mcf/D
Date: <u>02/13</u> /	2014
	Signature: Loveress mayer  Title: Petroleum Geologist

## 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.

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