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

Type Test	t:					(See Instruc	ctions on Reve	rse Side)	)			
Op	en Flo	N										
<b>✓</b> De	liverab	ilty			Test Date	: 2014 - 02	124/2044			No. 15	228 <b>- 0000</b>	
Company					02/20/2	2014 - 02	12 1/2014 Lease		<u>.</u>	3-047-21,2	220 - 0000	Well Number
		mp	any, L.L.C.				DONAV	'AN				2-16
County Location			Section TWP				RNG (E	/W)		Acres Attributed		
Edward	ls		NW S	N NE	16		248		16W			
Field					Reservoir					hering Conne		
Enlow						hook Sar				as Gatheri	ng L.L.C.	
Completion Date 12/15/1984					•	Plug Back Total Depth 4332'			Packer \$ 4260'	set at		
Casing Size			Weight		Internal Diameter		Set at		Perforations		То	
4-1/2"			10.5#				4341'		4272' - 4281'		,,,	
Tubing Size			Weight		Internal Diameter		Set at		Perforations		To	
2-3/8"			4.7#				4260'					
Type Con			escribe)			d Production	1			nit or Traveling	Plunger? Yes	/ No
Single			ulus / Tubing)		Water % Carbor	Diovido			No pu	<del></del>	0 0-	
Tubing	, 1111U	(AIII	uius / Tubing)		70 Carbor	DIOXIGE			% Nitrog	CII	Gas Gi	avity - G <sub>g</sub>
Vertical D	epth(H	)			····	Press	ure Taps	. ,			(Meter F	Run) (Prover) Size
	, ,	,				Flar	•				2"	, (* * * * * * * * * * * * * * * * * * *
	D 711		02/2	20/2014	8:		-	. 0	2/2 <b>0</b> /20	)14	at 8:00	
Pressure	Buildul									19		(AM) (PM)
Well on L	ine:	S	started 02/2	<b>1</b> /2014 <sub>19</sub>	)at _8:		(AM) (PM) T	aken <u>0</u>	2/21/20	)14 19	at 8:00	(AM) (PM)
					<del></del>							24
			Circle one:	T		OBSERVE	D SURFACE				Duration of Shut-	-in <u>24</u> Hour
Static / Orif		fice Meter or		Pressure Differential	Flowing	Well Head	Mellhoad Proceuro		Tubing Wellhead Pressure		Duration	Liquid Produced
Dynamic Property	Size inche		Prover Pressui	()	Temperature t	Temperature t	(P <sub>w</sub> ) or (P <sub>t</sub> )	or (P <sub>c</sub> )	(P <sub>w</sub> ) o	r (P <sub>t</sub> ) or (P <sub>c</sub> )	(Hours)	(Barrels)
. ,			psig	Inches H <sub>2</sub> 0		ļ	psig	psia	psig	psia		
Shut-In							200		-		24	
Flow												
						FLOW STE	REAM ATTRIE	NITES	L		<u> </u>	
Plate			Circle one:	D	. [		Flowing	1				Flavias
Coeffiecient		Meter or		Press Extension	Press Grav Extension Fac		Temperature	ture Eact		Metered Flow	v GOR (Cubic Fe	Flowing Fluid
(F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Prover Pressure psia		š P <sub>m</sub> xH <sub>w</sub>	F		Factor F <sub>rt</sub>	F <sub>pv</sub>		(Mcfd)	Barrel)	Gravity
							- It	<b></b>				
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)	<sup>2</sup> = 0.207
(P <sub>c</sub> ) <sup>2</sup> =		_ :	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =		% (P <sub>c</sub>	- 14.4) +	14.4 =	:	(P <sub>a</sub> )	
(D.)2 (F	2.12	/0		Choose formula 1 or 2	LOG of		Backpress	ure Curve		ГЛ		Open Flow
(P <sub>c</sub> ) <sup>2</sup> - (F	,,	(1	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	formula		Slope	= "n" [	пх	LOG	Antilog	Deliverability
(P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>d</sub> ) <sup>2</sup>			2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Assig Standar					Equals R x Antilog Mcfd
				livided by: $P_c^2 - P_w^2$	- J.	<u> </u>	Standar	и зюре				
	į.											
Open Flow			· · · · · · · · · · · · · · · · · · ·	Mcfd @ 14.6	5 neia		Deliverability	,	I		Mofd @ 14 65 pai	
											Mcfd @ 14.65 psi	
The u	ndersig	gned	authority, on	behalf of the Co	ompany, stat	es that he is	s duly authoriz	ed to ma	ke the ab	ove report and	I that he has know	ledge of the facts
stated then	ein, an	d tha	t said report is	s true and corre	ct. Execute	d this the _	28th	_ day of	Febru	uary		19 2014
									10	venos	ss na	
			Witness (if	any)						·	Company	profe
						KCC'	WICHIT	A			,	
			For Comm	ssion			 J. 2046	,		Chec	cked by	

MAR 04 2014

I declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator F.G. Holl Company, L.L.C. and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.  I hereby request a permanent exemption from open flow testing for the DONAVAN 2-16 gas well 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 incapable of producing at a daily rate in excess of 250 mcf/D
Date: 02/28/2014
Signature: Levenes M.  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 CC WICHITA

MAR 04 2014

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