Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	::					(See Instruc	ctions on Rev	erse Side,)						
Op	en Flo	w			Total Data				ADI	AI- 45					
✓ De	liverat	oilty			Test Date 02/13/2		/14/20120			No. 15 -047-20,34	2 - MY	۱۸			
Company					02/10/1	2012 02	Lease			<u> </u>	-	Well No	umber		
F.G. Ho	oll Co	mp	any, L.L.C				GRYBO	DWSKI-	MARTII	V	1-18	8			
County			Locat	ion	Section		TWP		RNG (E	W)		Acres A	Attributed		
Edward	s		SE NU	JAWNY			248		17W						
Field	NICT C	-			Reservoir					nering Conne					
Wayne NE Ext.					Mississippi				Semgas Gathering L.L.C. Packer Set at						
Completion Date 3/1978 & RE: 12/1991				Plug Back Total Depth 4432'			Packers	etat							
Casing Si		! -	Weigh	nt	Internal D	Diameter	Set at		Perfo	rations	To				
4-1/2"					4489'		435	5.5' - 4376	·						
Tubing Size 2-3/8"	Tubing Size Weight 2-3/8"			internai D	Diameter	Set at 4397'		Perfo	rations	То					
Type Con	npletio	n (De	scribe)		Type Flui	d Production	n		Pump Ur	nit or Traveling	Plunger? Yes	/ No			
Single (Gas)				·				Yes							
	Thru	(Ann	ulus / Tubing)	% Carbor	n Dioxide			% Nitrog	en	Gas G	ravity - (3,		
Tubing															
Vertical D	epth(F	1)					ure Taps				•	Run) (Pr	over) Size		
						Flar					2"				
Pressure	Buildu	p: {	Shut in <u>02</u>	/13/2012 19	9at _8:	:00	(AM) (PM)	_{Taken} 02	2/13/201	2 19	at <u>8:00</u>		(AM) (PM)		
Well on Li	ine:	s	started 02/	14/2012 19	9at _9:		(AM) (PM)				at 9:00		(AM) (PM)		
						OBSERVE	ED SURFACE	DATA			Duration of Shut	t-in 2	4 Hours		
Static /	Orlf	ice	Circle one:	Pressure	Flowing	Well Head	Casi	•	ſ	lubing		1			
Dynamic	Siz	Size Prover Pr		Ure in (h)	1	Temperature	I Wallhaad Prassura		Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)		
Property	inch	inches psig		Inches H ₂ 0	t	t	psig psia		psig psia		(""""""""""""""""""""""""""""""""""""""	,	(35,75,0)		
Shut-In							90				24				
Flow															
•			·	•	•	FLOW ST	REAM ATTRI	BUTES	•						
Plate Circle or			Circle one:	Press			Flowing						Flowing		
Coeffied	Coeffiecient		Meter or	Extension	Grav Fac	* 1	Temperature		iation ctor	Metered Flor	w GOR (Cubic Fe		Fluid		
(F _k) (F Mcfd		Prover Pressure psia		š P _m x H _w	F,	,	Factor F _{ft}	F _{pv}		(Mcfd)	Barrel		Gravity G_		
	Meid			 				+							
				<u>.L</u>											
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		(P) ² = 0.2	207		
(P _c) ² =		_:	(P _w) ² :	=:	P _d =		% (P	្ត - 14.4) +	14.4 =	:	-) ² =			
			ĭ	Choose formula 1 or 2	:	Γ	Backpres	sure Curve	,	רח	<u> </u>	T	pen Flow		
(P _c) ² - (P _m) ²		(P _e) ² · (P _w) ²		1. P.2. P.2	LOG of formuta		Slope = "n"		nx	LOG	Antilog	Deliverability			
(P _e)2-(F	P _a)2			2. P _e ² -P _d ²	1. or 2. and divide	P,2-P,2		igned			Policiog	Equa	ls R x Antilog		
		_		divided by: P2-P	by:	<u> </u>	Standa	ard Slope				—	MCIU		
ĺ		i											1		
												1			
Open Flow Mcfd @ 14.6					S5 nsia	5 psia Deliverability				Mcfd @ 14.65 psia					
- Сром (102	·•				70 po.u	· · · ·		• • • • • • • • • • • • • • • • • • • •		·	о.с 😅 тэлсо рол				
The u	ınders	igned	l authority, or	behalf of the C	ompany, sta	tes that he i	s duly author	ized to ma	ke the ab	ove report and	d that he has know	wledge o	of the facts		
stated ther	ein, ar	nd tha	at said report	is true and corre	ect. Execute	ed this the _		day o	r			·	19		
			Witness	(if any)			_		.	For	Company				
				•							. •		NEUEIVE		
			For Com	mission	,		_			Che	cked by				
												c	-LD 22		

exemple and that the best tion an	declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request of status under Rule K.A.R. 82-3-304 on behalf of the operator F.G. Holl Company, L.L.C. at the foregoing information and statements contained on this application form are true and correct to est of my knowledge and belief based upon gas production records and records of equipment installand/or of type completion or upon use of the gas well herein named. Bereby request a permanent exemption from open flow testing for the GRYBOWSKI-MARTIN 1-18 Bell 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: _	02/16/2012
	Signature: Over ness 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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FEB 2 2 2012

KCC WICHITA