Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:					(See Instruc	tions on Rev	erse Side))					
Ор	en Flo	w												
Deliverabilty				Test Date: 01/28/2012 - 01/29/2012					lo. 15 5-047-20.3	93 - OO	(Y)			
Company					017207	2012 017	Lease					Well No	umber	
		omp	any, L.L.C.				J.H. CF	ROSS				1-22		
County Location			Section TWP				RNG (EA		Acres Attributed					
Edwards NE SW NW			V NW	22		248		17W						
Field			Reservoir				Gas Gathering Connection							
Wayne Ext.			Mississippi				Semgas Gathering L.L.C.							
Completion Date			Plug Back Total Depth				Packer Set at							
06/18/1978							None To							
-	sing Size Weight			Internal D	Diameter	Set at 4524			Perforations					
4-1/2"				Internal Diameter		4524 Set at		4295'- 4299' Perforations		-				
1ubing Si	oing Size Weight 4.7#		internal L	viameter .	3et a 434		Репоп	ations	То					
Type Con	onletio	n (De			Type Flui	d Production			Pumo Ha	t or Traveling	Plunger? Yes	/ No		
Single	•	•	3011007		rypo i iui	a i roddellon			Flowin	•	rionger 103	7 140		
	•	<u> </u>	ulus / Tubing)		% Carbon Dioxide					% Nitrogen Gas Gravity - G				
Tubing		,	==9/									-	8	
Vertical D	epth(4)				Pressu	ure Taps				(Meter	Run) (Pr	rover) Size	
		•				Flan	ae				2"	. , ,		
_			01/2	28/2012 19	. 8:	.00		0	1/28/20	12			(AM) (PM)	
Pressure	Buildu	•					(AM) (PM)	IANGII		15				
Well on L	ine:	5	Started <u>01/2</u>	29/2012 ₁₉	at _8:	:00	(AM) (PM)	Taken 01	/29/2013	219	at <u>8:00</u>		(AM) (PM)	
												-		
						OBSERVE	D SURFACI	DATA			Duration of Shu	_{it-in} 2	4Hours	
Static / Orific Dynamic Size Property inche		îce	Circle one:	Pressure	Flowing Well Head		I Walihaari Praecura I		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₂)				Liquid Produced (Barrels)	
		Prover Pressur		Differential . ire in (h)	Temperature						Duration (Hours)			
				inches H ₂ 0	t t		psig psia		psig psia		()		'	
Shut-In							265		265		24			
							200		200	+	2-7			
Flow			L			<u> </u>			<u> </u>					
				_	,	FLOW STR	EAM ATTR	BUTES	····					
Plate	•		Circle one:	Press	Grav	vitv	Flowing	Devi	iation	Metered Flov	v GOF	2	Flowing	
Coeffiecient (F _b) (F _p) Mcfd		Meter or Prover Pressure		Extension	Fac	tor	Temperature Factor		tor	R	(Cubic F		Fluid	
		-"	psia	š P _m xH _m	F,		Factor F _{ft}	F	P.	(Mcfd)	Вагте	i)	Gravity G_	
					-				-		_			
								<u>.l</u>				· · · · ·	<u></u>	
					(OPEN FL	OW) (DELIV	ERABILITY	CALCUL	ATIONS		(P	_)² = 0.2	207	
(P _e)2 =		_:	(P _w) ² =	:	P _a =		% (F	- 14.4) +	14.4 =	:)² =		
		Ī		Choose formula 1 or 2:	<u> </u>		Backpre	ssure Curve		гэ			pen Flow	
(P _c) ² - (P _a) ²		(F	° _e)² - (P _m)²	1. P _c ² -P _a ²	LOG of formula		Slope = "n"		l n x t	og	A-415		Deliverability	
or (P _e) ² - (P _d) ²				2. P _e ² -P _d ²	1. or 2. and divide	D2. D2	Assigned				Antilog	Equa	Equals R x Antilog	
				divided by: $P_c^2 - P_w^2$	by:	P.2 - P.2	Standa	ard Slope		L J			Mcfd	
		1					1							
							 					-		
			<u>.</u> <u>.</u>]_		<u> 1 </u>		1							
Open Flow Mcfd @ 14.65 psia					Deliverability Mcfd @ 14.65 psia									
The	ınders	ianer	l authority on	behalf of the Co	mnany sta	tes that he is	s duly author	ized to ma	ke the sho	we report and	that he has kno	wladaa	of the facts	
												_		
stated ther	ein, a	nd tha	at said report	is true and corre	ct. Execute	ed this the _	·	day of				•	19	
												DE	CEIVE	
			Witness (i	f any)			-			For (Сотрепу	··· \\		
							-					<u>I</u> _N	I 3 1 201	
			For Comm	nission						Che	cked by	וורוע	J T LO	

exempt status under and that the foregone the best of my known tion and/or of type I hereby reque	r penalty or perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator F.G. Holl Company, L.L.C. bing information and statements contained on this application form are true and correct to ewledge and belief based upon gas production records and records of equipment installation or upon use of the gas well herein named. Set a permanent exemption from open flow testing for the J.H. CROSS 1-22 bounds that said well:
(Check	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
	Signature: Loveness Mpage 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.

JAN 3 1 2012