Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:						(See Instruc	ctions on Re	verse Side)					
Ор	en Flo	w				T4 D-4-				A D.	N 45				
Deliverabilty				Test Date 01/23/2		/24/2014			No. 15 5-145-21 ,5	78-00-00					
Company								Lease			· ·		Well No		
F.G. Holl Company, L.L.C.) FEED.	FEED YARD "B"			2-30			
County Pawnee	ounty Location Pawnee SW NE NE			Section 30				RNG (E	:/W)		Acres A	Attributed			
Field			Reservoir			Gas Gathering Connection					AT AT A STATE OF THE AT A STAT				
Jac				Arbuckle			Semgas Gathering L.L.C.								
Completion Date 11/17/2008				Plug Back Total Depth				Packer : None							
Casing Si 5-1/2"				Internal D	iameter	Set at 4042			orations 70'- 3894'	То		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	oing Size Weight			Internal D	iameter	Set at 3978'			orations	То					
Z.8750" Type Completion (Describe)				Type Fluid Production			Pump Unit or Traveling Plunger? Y				/ No				
Single (Gas)							Flowing								
Producing Thru (Annulus / Tubing) Tubing					% Carbon Dioxide				% Nitrogen			Gas Gravity - G _g			
Vertical Depth(H)					Pressure Taps Flange				(Mei			ter Run) (Prover) Size			
Dung =:	D. 21.1		oh 01	/23/	/2014	8:	0.00			Takan 01/23/2014 10			8.00		
Pressure Buildup: Shut in 01/23/2014 19 Well on Line: Started 01/24/2014 19				, , ,			iakeii 19								
Well on Li	ne:	s	Started UT	/24/	2014 19	at		(AM) (PM)	Taken <u>01</u>	724720	19	at <u>8:00</u>		(AM) (PM)	
			Circle one:				OBSERVE	D SURFAC				Duration of Shut	-in24	4 Hours	
Static / Dynamic Property	nic Size erty inches		Meter or Dif		Pressure Differential in (h)	Flowing femperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Wellho	Tubing ead Pressure or (P _t) or (P _c)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In					Inches H ₂ 0			psig 500	psia psig		psia	24			
Flow															
					·		FLOW ST	REAM ATTR	RIBUTES	L					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension § P _m x H _w	Gravity Factor F _g		Flowing Temperature Factor F _{f1}	i Deviation		Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	

						(OPEN FL	OW) (DELIV	'ERABILITY) CALCUL	ATIONS		(P _a)	p ² = 0.2	207	
P _c) ² =		_:	(P _w) ²		<u> </u>	P _a =		% (I	P _c - 14.4) +	14.4 = _	:	(P _d)	2 =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		•	ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ led by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide by: LOG of formula 2. P 2 P 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	De	Open Flow Deliverability Equals R x Antilog Mcfd	
	,						<u> </u>	·							
Open Flow Mcfd @ 14.65 psia								Deliverability			Mcfd @ 14.65 psia				
					half of the Co			100			bove report and	that he has know	, -	of the facts	
oteu illefé	ын, а П	iu illä	к заштероп	c is th	ue and corre	o. Execute	o uns me _	<u>, Cul</u>	uay o		-WON	N 229	7	-P -	
			Witness	(if any	1)						For C	Company	KC	CWIC	
			For Com					_				ked by		B 14 2	

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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 WARD FEED YARD "B" 2-30 gas well on the grounds that said well:
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: 02/13/2014
Signature:

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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