Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:						(See Instru	ıctions on Re	verse Side,)					
Open Flow						T1 D-1-	Test Date: API No. 15								
Deliverabilty							Test Date: 01/30/2014 - 01/31/2014					74 -000			
Company F.G. Holl Company, L.L.C.						0 17007	Lease D.R. CROSS				Well Number 1-22				
County Location					Section		TWP				Acres Attribut		ttributed		
Edwards1130' FSL 440' FWL					22		24S	24S 17W		,					
Field						Reservoir			Gas Gathering Connection						
Wayne						Mississ		······································			s Gatherii	ng L.L.C.			
Completion Date 02/18/1981						Plug Bacl 4411'	k Total Dep	eth	Packer Set at None		et at				
Casing Size Weight					Internal D)iameter	Set a			ations	То				
4-1/2" 10.5#							4452'		4380'- 4384'						
Tubing Size Weight					Internal D	Diameter	Set a	Set at		ations	То				
2"			4.7#												
Type Completion (Describe) Single (Gas)				Salti	d Productio Water	on	Pump Un		Unit	aveling Plunger? Yes / No					
_	Thru	(Ann	ulus / Tubing	1)		% Carbor	n Dioxide			% Nitroge	n	Gas G	ravity - (∋°°	
Tubing Vertical D	onth/H	·					Prop	sure Taps				(Matar F	\ (D=	over) Size	
verticar D	epui(n	,						nge				2"	tun) (Pi	over) Size	
	-		01/	30/3	2014	8.			0	1/30/201	14 19				
Pressure Buildup: Shut in 01/30/2014 19							_ (AM) (PM)				at 8:00		(AM) (PM)		
Well on Li	ne:	S	started 01/	31/2	2014 19)at _8:	:00	_ (AM) (PM)	Taken 01	/31/2014	19	at <u>8:00</u>		(AM) (PM)	
							OBSERV	ED SURFAC	E DATA			Duration of Shut	-in24	1 Hours	
Static / Or		rifice Circle one		1		Flowing	Well Head	ad Casing		Tubing		5			
Dynamic	Size		Meter or Prover Pressure		Differential in (h)	Temperature t	, '	Wellhead (P _w) or (F	Pressure P _r) or (P _r)	1	d Pressure P ₁) or (P ₂)	Duration (Hours)		Liquid Produced (Barrels)	
Property	inche	-	psig		Inches H ₂ 0		t	psig	psia	psig	psia				
Shut-In								42				24			
Flow								22							
					· · · · · · · · · · · · · · · · · · ·		FLOW ST	REAM ATTR	IBUTES	L					
Plate			Circle one:	Π	Press	Grav		Flowing				000		Flowing	
Coeffiecient		Meter or Prover Pressure			Extension	Fac	tor	Temperature Factor	Deviation Factor		Metered Flow R	v GOR (Cubic Fe	et/	t/ Fluid	
(F _b) (F _p) Mcfd		psia			š P _m x H _w	F	,	F _{ft}	F	pv	(Mcfd)	Barrel	1	Gravity G _m	
											······································				
(D.)3			(D.)2			•	, ,	VERABILITY	•				0.2	07	
(P _c) ² =		_ :	(P _w) ² =		se formula 1 or 2:	P _d =		<u> </u>	P _c - 14.4) +	14.4 =	 :	(P _d)	/ =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² -P _a ²		LOG of formula		Backpressure Cur Slope = "n"		n x L(Open Flow Deliverability	
				2	P _c ² -P _d ²	1. or 2. and divide	D 2 D 2	Assigned		" ^ E		Antilog)	Equals R x Antilog	
				divide	d by: $P_c^2 - P_w^2$	by:	P _c ² -P _w ²	Stand	ard Slope		L J			Mcfd	
Open Flow	, ,		_ ,	N	1cfd @ 14.6	5 psia		Deliverabil	ity			Mcfd @ 14.65 psi	 а		
Thou	ndersi	nnc4	authority or				toe that he		<u> </u>	ka tha ===				f the form	
			t said report					3109	zed to ma day of	.p	ve report and	that he has knov	/leage o : , 1	f the facts	
						······································		KCC	WICH	_	Love	ness r	Do	onle	
			Witness (FEB	03 20	14		Company	· · · · · · · · · · · · · · · · · · ·	0	
			For Com	11155101	t			RI	ECEIV	ED	Chec	cked by			

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 D.R. CROSS 1-22
gas well on the grounds that said well:
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:01/31/2014
Signature:OULNES:

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.

KCC WICHITA

FEB 03 2014

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