Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:							(See Instru	ctions on Rev	erse Side)	1						
Open Flow					Tool Date:				4011	L 45						
✓ Dolivorabilty							Test Date: 02/20/2014 - 02/21/2014				AP! No. 15 15-047-20,648 0000					
Company	ul Co	mn	any II.C			02/20/2	Lease LUNZ				7-0-17-20,0		Well Number 3-21			
F.G. Holl Company, L.L.C.						Section		TWP		RNG (E/W)			Acres Attributed			
Edwards V2 NW NE NE						21			24S		16W		Acres Attributed			
Field					<u>. </u>	Reservoir					ering Conne	ction				
Embry				Kinderl	hook			S	em Ga	s Gathe	ring	L.L.				
Completion Date						Plug Back	Total Dep	th		Packer Se			C	5		
04/14/1	980															
Casing Size Weight 4-1/2" 10.5#				Internal D	iameter		Set at 4429'		ations	То						
	4-1/2 Tubing Size		Weight		Internal Diameter		Set at		Perfor	5'-4349'	То					
2-3/8"	-			internal D	nametei		4345'		allons	10						
							Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No						
Single (Gas)					SW				•	Pump Unit			33 / 113			
						% Carbon	Dioxide		% Nitrogen			Gas Gr	Gas Gravity - G			
Tubing														•		
Vertical De	epth(H)					Pres	sure Taps				(Meter R	lun) (Pro	ver) Size		
Pressure I	Ruildo	n: 5	Shut in 02/	20/	2014 - ₁₉	at 8:	00	_ (AM) (PM)	Taken 0	2/20/20	14 19	at 8:00	U	AM) (PM)		
					201419					2/21/201		at 8:00	,	, , ,		
Well on Li	ne:	S	tarted		201719	at		_ (AM) (PM)	Taken	2/2 1/20 1	4 19	at	(/	AM) (PM)		
							ODSERV	ED CUDEAC	DATA				in 24			
1			Circle one:		Pressure		UBSERV	ED SURFACI		T.	ihina	Duration of Shut-	in	Hours		
Static /	Orifice Meter or Differential		Flowing Well Head Temperature Temperature		Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration	,						
Dynamic Size		hes Prover Press		ıre	in (h)	t t		(P _w) or (P _t) or (P _c)		(P_w) or (P_t) or (P_c)		(Hours)	(8	(Barrels)		
		psig		Inches H ₂ 0				psig	psia	psig	psia					
Shut-In								200		-		24				
Flow												1				
1							FLOW ST	REAM ATTR	IBUTES				<u> </u>			
Circle one:							Flowing					COD FIO				
Plate Coeffiecient			Meter or		Press Extension	Gravity Factor		Temperature		iation ctor	Metered Flow	w GOR (Cubic Fe	et/	Fluid		
(F _b) (F _p) F		Pro	Prover Pressure psia		š P _m x H _w	F _g		Factor F _{rt}	1	pv	(Mcfd)	Barrel)		Gravity G _m		
Wicid								"								
							ì									
						(OPEN FL	OW) (DELI	VERABILITY) CALCUL	ATIONS		(P.)	² = 0.20)7		
$(P_{o})^{2} = $: $(P_{w})^{2} = $: $P_{d} = $								_% (F	P _c - 14.4) +	14.4 =	<u></u> :		$(P_d)^2 = $			
					ose formula 1 or 2:			Backpre	ssure Curve		ГЭ		On	en Flow		
$(P_c)^2 - (P_a)^2$		(P _c) ² - (P _w) ²		1. P _c ² -P _a ²		LOG of formula		Slope = "n"		n x I	og	Antilog		Deliverability		
or $(P_c)^2 - (P_d)^2$					2. P _c ² -P _d ²	1. or 2. and divide p2-p2		Assigned		-		runnog	i '	Equals R x Antilog Mcfd		
				divid	ed by: $P_c^2 - P_w^2$	by:	L *	Stand	ard Slope				ļ	Wiciu		
	1															
			l										t			
Open Flow Mcfd @ 14.65 psia								Deliverability Mcfd @ 14.65 psia								
The u	ndersi	gned	authority, or	bel	half of the Co	ompany, stat	tes that he	is duly author	ized to ma	ke the abo	ve report and	that he has know	/ledge of	f the facts		
stated there	oin on	d the	t said rapart	io te	ue and corre	et Evecute	d this the	28th	dayo	Febru	ary		40	2014		
sawa men	JIII, all	u ((18	it said report	ıo ti	as and Conte	OL LACCULE	.a una ule .		uay u		Love	nezo:	, 13	,		
								MCC MICHITA veness Mpanje								
			Witness	if any	<i>(</i>)			NUC	AAIO	1 84 45 4	For	Company				
			For Com	nissi	on			MAD	042	N14	Che	cked by				
								fall-41/	, • • •							

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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 installa-	
tion 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	
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: 02/28/2014	
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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