Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	it:					(See Instru	ctions on Re	verse Side)					
	pen Flo	w												
□ 04	liveral	oilty			Test Dat	e :			API	No. 15 へつ	5-1006	Λ .a.a		
Company					· · · · · · · · · · · · · · · · · · ·		Lease			Upt.	3 1006		Number	
		Fr	ancis O	il Compan	V	* * *	Harper	r				1-		
County			Locati		Section		TWP		RNG (E	W)			Attributed	
C1	.ark	ع/	2 SE N	W	7		34S		21W	•				
Field					Reservoi	•				rering Conne	ction			
Harper Ranch					Morr				DLP					
Completi	on Dat 27/6				Plug Bac	k Total Dept			Packer S					
Casing S) Т	Weigh		Internal (5460	Set a	•	Bada	None rations	То			
4.5			9.			4.092		5494			5378 5389		9	
Tubing Size Weight				Internal C			Set at Perforations			То	500			
	375		<u> </u>	7	1.9	195	538	31						
Type Con			scribe)		Type Flui	d Production	1		Pump Un	it or Traveling	Plunger? Yes	7/16	,	
	ingl	<u> </u>		· · · · · · · · · · · · · · · · · · ·			 							
	jimu bing		ulus / Tubling)		% Carbo	n Dioxide			% Nitroge	9 0	Gas G	aravity -	G,	
Vertical D					-	Prese	ure Taps		····		(345)51	- Flu=1 //	Prover) Size	
	84	''	•			71005	Pipe		•		(water	- 7400) (r - 44	rrover) Size	
	_		<i>U</i>	120/12			THE		<i>حا.</i> 1			- E		
Pressure	Buildu	p: S	thut in	131110 19)at		(AM) (PM)	Taken	١//حـ	19	at		(AM) (PM)	
Well on Li	ine:	S	tarted	19)at		(AM) (PM)	Taken		19	at		(AM) (PM)	
			 				···-				<u>.</u>			
			-			OBSERVE	D SURFACE	DATA	,		Duration of Shu	t-in	Hours	
Dynamic Si		ifice Circle one:		Pressure Differential	Percental Flowing Well Hea		Mallhaad Conserves		Tubing Welthead Pressure		Ouration (Liquid Produced	
		nes Prover Pressu			Temperature t	Temperature t	(P_w) or (P_t) or (P_t)		(P _w) or (P _t) or (P _t)		(Hours)		(Barrets)	
		paig		Inches H ₂ 0			beld bels:		psig psia		. ·		-	
Shut-In	· .								100		24		.	
Flow														
		•				FI OW STR	EAM ATTRI	BIITEG	l	<u>'</u>		ــــلنه		
Plate	;		Sircle one:	•		10011 3111	Flowing	BUTES	1		- 		Flavias	
Coeffici		Meter or Extension			Grav Fact		Temperature Fac		iation Metered Flow		GOR (Cubic Feet/		Flowing Fluid	
(F _s) (F _s Mcfd	.)	Prov	rer Pressure psia	√ P _a xH _a	F,		Factor F _{rt}	F		(Mcfd)	Barrel		Gravity	
	+						' ft	 	<u> </u>				G.	
					<u> </u>	<u>-</u>		<u> </u>						
			•		(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P)² = 0.:	207	
(P _e) ² =	······	<u>.</u> :	(P _w) ² =	<u> </u>	P. =	•	% (P,	- 14.4) +	14.4 =	:) ² =		
	:			Chasse famula 1 or 2:	LOG or		Backpres	sure Curve		Γ ¬		1	open Flow	
(P _e) ² - (P _a) ² or		(P,)*• (P_)*		1. P*-P*	formuta		Slope = "n"		n x L	og	Antilog		Deliverability	
or (P _c) ² - (P _g) ²				2, P _a s P _a s maded by: P _a s P _a s	1. or 2.	p2.p2		Assigned Standard Slope					Equals R x Antilog	
	:			mided ey: Frequency	by:		Stange	и эюре		<u></u>		 -		
	<u> </u>			·			<u> </u>	···				1		
	:					•	İ			:			ļ	
Open Flow				Mcfd @ 14.6	Deliverability				Meta 6 14 65 pain					
The u	ndersiç	ned:	authority, on	behalf of the Co	ompany, stat	es that he is	-	zed to ma		1	that he has kno	-		
stated there	ein, and	d that	said report i	s true and corre	cł. Execute	d this the _	28	day of	to	bruary	·	,	19 20/3	
									Zala.	t h	1000		^**	
			Witness (if	any)						For É	ofreedry	-RE	FIVED-	
												MAR	04 2012	
,			For Comm	ssion			-			Check	red by		~ + CUIJ	

exempt status und	der Rule K.A.R. 82-3	3-304 on behalf o	s of the state of Kans f the operator <u>Kai</u>	ser Francis C	oil Company	
			ontained on this appli s production records			
tion and/or of type	e completion or upo	on use of the ga	s well herein named.	•• 4		
I hereby requ	est a permanent exe	emption from ope	n flow testing for the _	Harper 1	/	
gas well on the g	rounds that said we	ell: -		,		
(Check	r one)				a.	
(57,55)	is a coalbed meth	nane producer			i na	
	is cycled on plung		ter			
	•	•	ction into an oil reser	voir undergoing E	R	
			KCC approval Dock			
<u></u>			ly rate in excess of 1		The second of th	
<u></u>					i i Taka	-
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0/2	alia		•			
Date:	8/13		•		** ** -	41
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• *						
			.	•	,	-
		Signature:	Robert	Major	·	
		· · ·	- 1 43			
		Title:	ひかんけいべき こうか	Records Manag	er	

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 thought it was a verified report of test results.