KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:				(See Instruc	tions on Re	verse Side	9)				
[] O	pen Flow	'		T D					! No. 15			
De	eliverabil	ty		Test Dat	e:				i No. 15 9-21131 <i>— 0</i>	000		
Compan Kaiser F		Oil Company				Lease Harper				1-2	Well Num	ber
County		Loca	-	Section		TWP		RNG (E	:/W)		Acres Att	ributed
Morton SWSWSW			2		328							
Field Richfield	<u> </u>			Reservoi Morrow				Gas Ga PEPL	thering Conr	ection		
Completion Date 5-7-92				Plug Bad 5132	k Total Dep	th	Packer Set at None		Set at			
		Weig 15.5		Internal I 4.950	Internal Diameter 4.950		Set at 5030		orations 5	то 5132		
Tubing Size Weig 2.375 4.7		ht	Internal D 1,995		Diameter Set a		Perforations		То			
		(Describe)			id Production			Pump U	nit or Traveling	Plunger? Yes	/ No	<u> </u>
		Annulus / Tubir	na)		Carbon Dioxi	de		% Nitrog	 jen	Gas G	ravity - G	
Tubing			-57						•		,0	
Vertical D	Pepth(H)					sure Taps		-		•	Run) (Prov	/er) Size
5068 Pressure	Deallater	Shut in 10	/29/14		Flan		10	0/30/14		3 at		
Well on L	•									at	-	
					 -							
				,	OBSERVE	D SURFACE		ı .		Duration of Shut	t-in	Hours
Static / Dynamic Property	nic Size Prover Pressur		Pressure Differential ure in	Flowing Temperature t	Well Head Temperature t	emperature Wellhead I		essure Wellhead Press		Duration (Hours)	1 '	Produced rrels)
Floberty	(mones	psig (Pm)	Inches H ₂ 0			pslg	psia	psig	psia		<u> </u>	
Shut-In								40		24		
Flow				ļ								
					FLOW STR	EAM ATTR	BUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Grav Fact F _s	tor T	Tomografica		Deviation Factor F _{gv}		y GOR (Cubic Fo Barrel	eet/	Flowing Fluid Gravity G _m
		·	<u>.</u>	(OPEN FLO	OW) (DELIVI	ERARILITY)	CALCUL	ATIONS				
(P _c) ² =		: (P _w) ² =	: ;	$P_d = 1$. 9	•	14.4) +		:	(P _a) (P _d)	0.207 0.207	
(P _o) ² - (F	-	(P _o) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpres Slop Ass	sure Curve e = "n" or	n x l	LOG	Antilog	Open Delive Equals R	rability
	\dashv	.	divided by: Pc2 - Pw	by;	<u> </u>	Standa	ird Slope			<u>-</u>	,,,,,,	
, ,	. -											
Open Flow	v		Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 ps	ia	
The u	ındersiar	ned authority. o	n behalf of the	Company, s	tates that he	e is duiv au	thorized to	make th	e above repo	rt and that he ha	as knowled	ae of
	•	•	aid report is true	•		•		day of A	-			15
		terry with that o	and report to the		Re	eceived	120	Lunt	t m	Macci	, 20	·
		Witness (If any)	к	ANSAS CORPO	•	MIZGION //	VVVI	- Jord	orpany		
		For Comm	anlesta		APR	2 0 204	5		Char	ked by		
		FOI COMM	11.001011						Oliec			

exempt status under Ru and that the foregoing correct to the best of my of equipment installation	nalty of perjury under the laws of the state of Kansas that I am authorized to request alle K.A.R. 82-3-304 on behalf of the operator Kaiser Francis Oil Company pressure information and statements contained on this application form are true and with knowledge and belief based upon available production summaries and lease records an and/or upon type of completion or upon use being made of the gas well herein named.								
	one-year exemption from open flow testing for the Harper 1-2								
gas well on the grounds	that said well:								
(Check one)	is a coalbed methane producer is cycled on plunger lift due to water								
is a	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 no	t capable of producing at a daily rate in excess of 250 mcf/D								
staff as necessary to co	apply to the best of my ability any and all supporting documents deemed by Commission prroborate this claim for exemption from testing.								
Date: <u>4/6/15</u>									
	Signature: Manager Title: Production Records Manager								

Instructions:

If a gas well meets one of 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 claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been 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 for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

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