

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		ONL	. 0 5	IADILIZI (See Instruc	tions on Re	verse Side) ;)	LNADILII	I ILSI	
	en Flo eliveral				Test Date 05/22/20					No. 15 920655 - 6	1000	
Company		e O	perating, Ir	nc.			Lease Haywa	ırd				Vell Number
County Morton			Locati C SE S	on .	Section 20		TWP 31S		RNG (E 40W	/W)	,	Acres Attributed
Field Kinsler	1				Reservoir Morrov					thering Conn lidstream Ma		
Completion 4/25/83		te			Plug Bac 5515	k Total Dep	oth		Packer S	Set at		
Casing S 7.0	lize		Weigh 20.0	t	Internal [6.456	Diameter	Set a 569		Perfo 500	rations. 9	To 5022	
Tubing S 2.875	ize		Weigh 6.5		Internal [2.441	Diameter	Set a 511		Perfo	rations	То	
Type Cor Gas	npletic	n (D	escribe)		Type Flui Oil	d Productio	on		Pump U		Plunger? Yes	/ No
Producing	-	(An	nulus / Tubing		% C	Carbon Diox	ide		% Nitrog	jen	Gas Gra	avity - G _g
Vertical E	Depth(I	H)				Pres	ssure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in 05/2	21 2	0_13_at_1	1	. (AM) (PM)	Taken_05	5/22	20	13 at 11	(AM) (PM)
Well on L	ine:		Started	2	0 at	•	. (AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	ED SURFAC	E DATA			Duration of Shut-	n 24 Hours
Static / Dynamic Property	Orif Siz (inch	ze	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P _w) or (P	Pressure	Wellhe	Tubing ead Pressure r (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In							8	22.4	0	14.4	24	·
Flow						-						
			Circle one:			FLOW ST	REAM ATTR	IBUTES	· · · · · · · · · · · · · · · · · · ·			·
Plate Coeffiec (F _b) (F Mcfd	ient p)	Pro	Meter or over Pressure psia	Press Extension P _m xh	Grav Fact F _g	tor	Flowing Temperature Factor F _{ft}	Fa	iation ctor _{pv}	Metered Flor R (Mcfd)	w GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m
(P _c) ² =		,	(P _w) ² =		(OPEN FLO	, ,	/ERABILITY % (F) CALCUL ² 14.4) +		·	$(P_a)^2$ $(P_d)^2$	= 0.207
(P _c) ² - (I	•	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P.2 - P.2	Backpre Slop As	ssure Curve pe = "n" or signed ard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	ility		***************************************	Mcfd @ 14.65 psi	<u> </u>
The u	unders			81	Company, s	t. Executed	ne is duly au	ithorized to	day of S		ort and that he ha	
			Witness (if	any)		SI	EP 13	2013		For	Company	
			For Commi	ssion					···	Che	cked by	· · · · · · · · · · · · · · · · · · ·

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I dealare under penalty of per	iun, under the laws of the state of	Kaneae that Lam au	therized to request
, , ,	jury under the laws of the state of		
	2-3-304 on behalf of the operator \underline{C}		
·	formation and statements contain	• •	•
	e and belief based upon available	•	
· · ·	on type of completion or upon use	•	well nerein named.
	emption from open flow testing for	the Hayward 1-20	
gas well on the grounds that said v	vell:		
(Check one)			
	thane producer		
	inger lift due to water		
	atural gas for injection into an oil re	eservoir undergoing F	R ·
10 4 004 00 07 17	atarar gao for injootion into air on t	boorvon anabigoing E	• • • • • • • • • • • • • • • • • • • •
is on vacuum at	the present time: KCC approval D	ocket No	
	the present time; KCC approval D	•	·
	the present time; KCC approval D of producing at a daily rate in exce	•	· · · · · · · · · · · · · · · · · · ·
is not capable o	of producing at a daily rate in exce	ss of 250 mcf/D	emed by Commission
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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.

KCC WICHITA

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