KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Rev	verse Side)						
Op	en Flo	w			Test Date				ADI	No. 15					
De	liverat	oilty			10/31/1)77 - 20755 ^	$-(\gamma\gamma)$	$\gamma \gamma$			
Company AGV Corp					Lease Hospital						Well Number				
County Harper			Location NW SW		Section 19		TWP 32		RNG (E/ 8 W	W)		,	Acres A	ttributed	
Field Sullivan			Stalnaker		Gas Gath West W		6								
Completion 1981	on Da	te			Plug Bac 3700	k Total Dep	th		Packer S	et at					
Casing S 5-1/2	ize		Weight		Internal C	Diameter	Set a 370			rations 3700		то 3707			
Tubing Size Weight 2-3/8				Internal [Diameter		Set at F 3690		Perforations						
Type Completion (Describe) Single				Type Flui Water	Type Fluid Production Water				it or Traveling ng Unit	Plunger?	Yes	/ No			
	~	(An	nulus / Tubing)	% C	arbon Diox	ide		% Nitrog	en		Gas Gra	avity - G	9	
Annulus												/1.4 · =			
Vertical D 3700	Depth(l					Pres	ssure Taps					(Meter F	Run) (Pr	over) Size	
Pressure	Buildu	ıp:	Shut in	2	0 <u>11</u> at	·	. (AM) (PM)	Taken_11	1/1	20	11 at_		(/	AM) (PM)	
Well on L	_ine:		Started	2	0 at		(AM) (PM)	Taken	,,,,	20	at		(/	AM) (PM)	
	,		I.			OBSERVE	ED SURFAC	E DATA	1		Duration	of Shut-	in 24	Hours	
Static / Dynamic Property	Orif Siz (inch	:0	Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P _w) or (P	Pressure	Wellhe	ubing ad Pressure (P _t) or (P _c) psia	Durat (Hou		, ,	Produced larrels)	
Shut-in							30	paia	paig	psia	24			·	
Flow															
eni(omonomonomono)						FLOW STI	REAM ATTR	IBUTES							
Plate Coeffied (F _b) (F Mcfd	cient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{ft}	Fa	iation ctor - py	Metered Flov R (Mcfd)		GOR Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
(P) ² =		•	(P _w) ² =_	•	•		/ERABILITY % (F) CALCUL 2 - 14.4) +		:			2 = 0.20 2 =	07	
$(P_c)^2 = \frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_d)^2}$			P _c) ² - (P _w) ²	Thoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ivided by: $P_c^2 - P_w^2$	2. P ² -P ² 3. Or 2. And divide		Backpre Sloj As	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x l OG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
												··.		· · · · · · · · · · · · · · · ·	
Open Flow		<u></u>		65 neia	5 osia		Deliverability		Mcfd @ 1			14.65 psia			
				Mcfd @ 14.					<u> </u>						
		-	•	behalf of the				uthorized t	•	ece Dece			, 2 ,	20//	
7			Witness (if	any)			-	·	P	enf-	Company	MU	LHE	EIVE	
			For Commi	ssion			-			Che	cked by		DEC	2 8 20	

exempt s	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator AGV Corp. the foregoing pressure information and statements contained on this application form are true and
correct to of equipa I her	the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named. The representation of the grounds that said well:
,	(Check one) 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 not capable of producing at a daily rate in excess of 250 mcf/D ther agree to supply to the best of my ability any and all supporting documents deemed by Commiss necessary to corroborate this claim for exemption from testing.
Date: <u>1</u>	2/23/11
	Signature: Kent Rahert Title: Lease Operations 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.