Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	;				G	See Instruc	tions on Re	verse Side	?)				
Open Flow			Test Date:				API No. 15						
De	liverabilty				11/15/20	-				033-21001-	0000		
Company HUMMO		PORATIO	N				Lease CAMPE	ELL			1)	Well (-22	Number
County Location CAMANCHE N2 NE NW			Section 22		TWP 32S				Acres Attributed 160				
Field NESCAT	TUNGA			· <u>-</u>	Reservoir MARMA				Gas Gat	hering Conn	ection		
Completion Date 10/02/1999			Plug Baci 5653'	k Total Dep	th	Packer Set at 5573'		Set at					
Casing Size Weight 5-1/2" 15.50#			Internal E 4.950	Diameter	Set at 5655'		Perforations 5596'		то 5600'				
Tubing Size Weight 2-3/8" 4.70#			Internal E 1.995"	Diameter		Set at 5573'		Perforations		То			
Type Con SINGLE		Describe)				d Productio				it or Traveling	Plunger?	Yes / No)
Producing	•	innulus / Tul	oing)	·	% C	arbon Diox	ide		% Nitrog	en	Ga	s Gravity	- G _g
Vertical D						Pres	ssure Taps			·	(M	eter Run)	(Prover) Size
Pressure	Buildup:	Shut in _	IOV	15 2	0_15 _{_at_} 0	945	. (AM)- (PM)	Taken_N	ov	20	16 at 10	30	(AM) (PM)
Well on L	ine:	Started		20	0 at		. (AM) (PM)	Taken		20	at		_ (AM) (PM)
						OBSERVI	ED SURFAC	E DATA			Duration of S	Shut-in_2	4.75 Hours
Static / Dynamic Property	Orifice Size (inches)	Circle of Mete Prover Pre psig (P	r essure	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (F	Pressure	Welthe (P _w) or	fubing ad Pressure (P ₁) or (P ₀)	Duration (Hours)		quid Produced (Barrels)
Shut-In		F5 (,	110.100 1120 1			psig 110	psia 425	psig	psia			
Flow													
						FLOW ST	REAM ATTR	IBUTES				•	
Plate Coeffiect (F _b) (F Mcfd	ent ,) /	Circle one: Meter or Prover Pressur psia	e	Press Extension ✓ P _m x h	Grav Fact F _e	tor	Flowing Temperature Factor F _{f1}	Fa	riation actor pv	Metered Flor R (Mcfd)	(Cut	GOR bic Feet/ arrel)	Flowing Fluid Gravity G _m
(P _c) ² =		(P.)	12 _	:	(OPEN FLO		/ERABILITY % (F) CALCUL				$(P_a)^2 = (P_d)^2 = 0$).207
(P _o) ² - (F	·	(P _c) ² - (P _w) ²	Cho	ose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1. or 2.		Backpre Slo	ssure Curve be = "n" - or signed		roe [Antilog	r	Open Flow Deliverability als R x Antilog
	a ⁷	-	divid	fied by: $P_c^2 - P_w^2$	and divide by:	P _c ² -P _w ²		ard Slope					(Mcfd)
Open Flo	w			Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.6	55 psia	
	_	•					•			ne above repo	ort and that h	ne has kn	•
the facts s	tated the	rein, and tha	t said	report is true	e and correc		d this the <u>1</u> WICH!		day of D	ECEMBER	<u></u>		, 20 15
		Witne	ıss (if an	у)				_		For	Company		
		For C	ommissi	ori		リエし	1 6 2015) 		Che	cked by		
						RE	CEIVE)		3110	,		

exempt status under Rule K.A.R. 82-3-3 and that the foregoing pressure inform correct to the best of my knowledge and of equipment installation and/or upon types.	under the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator HUMMON CORPORATION ation and statements contained on this application form are true and belief based upon available production summaries and lease records be of completion or upon use being made of the gas well herein named. Sion from open flow testing for the CAMPBELL 1X-22
is on vacuum at the profile is not capable of profile.	lift due to water I gas for injection into an oil reservoir undergoing ER present time; KCC approval Docket No ducing at a daily rate in excess of 250 mcf/D tof my ability any and all supporting documents deemed by Commission
Date: 12/14/2015 KCC WICHITA DEC 16 2015 RECEIVED	Signature: Title: PRODUCTION ADMINISTRATOR / PUMPER

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.