KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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Type Test	:				G	See Instruci	tions on Rev	erse Side)				
Open Flow				T4 D-4				A rol	N- 45				
Deliverabilty				Test Date: 11/15/2015			API No. 15 15-033-20918 ~ 00 0 (
Company HUMMON CORPORATION					-	Lease CURRIER					1-20	Well Number	
County Location CAMANCHE NE NE			Section 20		TWP 32S		RNG (E/W) 18W			Acres Attributed 160			
Field NESCATUNGA				Reservoir MARMATON			Gas Gathering Connection ONEOK						
Completion Date 10/02/1999			Plug Back Total Depth 5653'				Packer S	et at	= =	,			
Casing Size			Weigh 10.50		Internal Diameter 3.927"		Set at 5922'		Perforations 5046'		To 5052'	то 5052'	
Tubing Size 2-3/8"			Weight 4.70#		Internal Diameter 1.995"		Set at 5150'		Perforations		То	То	
Type Completion (Describe) SINGLE				Type Fluid	d Production	n				aveling Plunger? Yes / No			
Producing Thru (Annulus / Tubing)				% Carbon Dioxide			% Nitrogen		Gas Gr	Gas Gravity - G _g			
Vertical D)				Pres	sure Taps				(Meter F	Run) (Prover) Size	
Pressure	Buildur	n. !	Shut in NO	V 16 2	15 _{at} 1	130		Taken No	OV 17	20	15 at 1145		
Well on L	•										at		
						OBSERVE	D SURFACE	DATA			Duration of Shut-	24.25 Hours	
Static / Orifice Dynamic Size		,	Circle one: Meter Prover Pressi	Pressure Differential in	Flowing Well He		Molihood Proceura		Tubing Wellhead Pressure (P _w) or (P ₀)		Duration (Hours)	Liquid Produced (Barrels)	
Property (inches			psig (Pm)	Inches H ₂ 0	t ·	t	psig	psig psia		psia			
Flow				-									
						FLOW STR	REAM ATTRI	BUTES		_ 	<u> </u>	<u> </u>	
Plate Coeffiecient (F _b) (F _p) Mcfd			Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Extension Fact		Flowing Temperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
								1					
/D \2	•		/n \2		-		ERABILITY)					²= 0.207	
(P _c) ² =		<u></u>	(P _w) ² =	Choose formula 1 or 2	P _d =		1	sure Curve	14.4 =		(F _d)	² =	
(P _c) ² - (1 or (P _c) ² - (1	- 1	(F	P _c) ² - (P _w) ²	1. P _a ² -P _a ² 2. P _a ² -P _d ²	LOG of formula 1, or 2, and divide	P _c ² -P _w ²	Slop Ass	e = "n" or igned	ואח	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				divided by: P _c ² -P _w	by:	<u>'</u> "	Standa	rd Slope				()	
Open Flo	w			Mcfd @ 14	65 psia	•	Deliverabi	lity			Mcfd @ 14.65 ps	ia	
The	undersi	gne	d authority, o	n behalf of the	Company, s	states that h	ne is duly au			-	ort and that he ha	is knowledge of	
the facts s	stated th	nerei	in, and that s	aid report is tru	and correc	t. Executed	this the 14	4	day of _D	ECEEMBE!	₹	, 20 <u>15</u> .	
Witness (if any)					DEC 1 6 2015			For Company					
			For Com	nission	_	REC	EIVED			Che	cked by		

exempt status under Rule K.A.R. 82-3 and that the foregoing pressure infor correct to the best of my knowledge a of equipment installation and/or upon	y under the laws of the state of Kansas that I am authorized to request -304 on behalf of the operator HUMMON CORPORATION mation and statements contained on this application form are true and and belief based upon available production summaries and lease records type of completion or upon use being made of the gas well herein named. The part of the gas well herein named to the gas well herein named.
(Check one) is a coalbed methatis is cycled on plung is a source of nature is on vacuum at the ✓ is not capable of p	er lift due to water ural gas for injection into an oil reservoir undergoing ER e present time; KCC approval Docket No broducing at a daily rate in excess of 250 mcf/D est of my ability any and all supporting documents deemed by Commission
KCC WICHITA DEC 1 8 2015 RECEIVED	Signature:

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.