KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	ions on Reve	erse Side	e)						
□ Ор	en Flo	w			Total Date										
Deliverabilty						Test Date: 10/16/2014				API No. 15 15-025-21124 <i>- 00€0</i>					
Company HUMMON CORPORATION						Lease KOEHN				Well Number					
County Location CLARK SE NE NW			Section 10		TWP RNG 33S 21W			NG (E/W) 1W			Acres Attributed				
Field CALEY S	SW					Reservoir MORROW				Gas Gathering Connection DCP MIDSTREAM					
Completion Date 03/0931995				Plug Bac 5355'	Plug Back Total Depth 5355'				Set at						
Casing Si 5-1/2"	ize		. Weight		Internal D 4.950	Diameter	Set at 5396'		Perforations 5326'		то 5332'				
Tubing Si 2-3/8	ze		Weigh 4.70#		Internal Diameter 1.995		Set at 5295'		Perforations 5272'		то 5283'				
Type Completion (Describe) SINGLE					Type Flui	Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes PUMPING UNIT			/ No			
	7 Thru	(Anı	nulus / Tubing)		arbon Dioxi	de		% Nitrog		Gas Gra	avity - G	·····		
Vertical D		1)				Press	sure Taps				(Meter F	Run) (Pr	over) Size		
Pressure	Buildu	р;	Shut in16 (OCT 2	0_14_at_7	00	(AM) (PM)	faken_17	OCT	20	14 at 0700				
Well on L	ine:		Started							20	at	(AM) (PM)		
					_	OBSERVE	D SURFACE	DATA			Duration of Shut-	n_24	Hours		
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Pressu. psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P _t)	ressure or (P _c)	Weilhe (P _w) or	ubing ad Pressure (P ₁) or (P ₂)	Duration (Hours)	1 '	i Produced Sarrels)		
Shut-In			paig (Fiii)	mones H ₂ 0			psig 80	psia 180	psig	psia					
Flow											_				
	,					FLOW STR	EAM ATTRII	UTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Grav Fac F	· 1 7	Factor Fa		viation Metered Flou actor R F _{pv} (Mcfd)		w GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m		
						_						_			
(P)² =		:	(P) ² =	:	•	OW) (DELIV	ERABILITY)			:		? = 0.20 ? =	07		
$(P_c)^2 = \qquad \qquad$		(P _c) ² - (P _w) ²		2. P _c ² - P _d ²	LOG of formula 1. or 2.	P _c ² · P _w ²	Backpressure Curve Slope ≈ "n" 		n x LOG		Antilog	Op Deli Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)		
				ivided by: $P_c^2 - P_w^2$	by:		Standa	rd Slope			_	`			
					<u>† </u>		-					_			
Open Flow		Mcfd @ 14.65 psi				psia Deliverability		Mcfd @ 14.65 psia							
		-		behalf of the		t. Executed	•			•	ort and that he ha				
			Witness (ii	any)		DEC	18 207	}		For C	Company				
For Commission						RECEIVED				Checked by					

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator HUMMON CORPORATION and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records	
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.	
I hereby request a one-year exemption from open flow testing for the KOEHN 1-10	
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 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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commissistaff as necessary to corroborate this claim for exemption from testing.	on
D + 12/14/2014	
Date: 12/14/2014 KCC WICHIT Signature: July Chile	
DEC 18 2014 Title: PRODUCTON ADMINISTRATOR / POMPER	
RECEIVED	

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.