A SIL

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	n Flow			(See Instruct	ions on Re	verse Side	9)			
= '	verabilty	1		Test Date 10/16/20				API 15-	No. 15 033-21069 -	0000	
Company HUMMON CORPORATION			Lease HERD							Well Number	
County Location COMANCHE NW SW NW		Section 32		TWP 32S		RNG (E/W) 18W			Acres Attributed		
Field COLTER SE EXT		Reservoir MARMATON				Gas Gat ONEO	hering Conne	ection			
Completion 05/10/200				Plug Bac 5323'	k Total Dept	h		Packer S	et at		w
Casing Siz 4-1/2"	Casing Size Weight 4-1/2" 10.50#			Internal Diameter 3.950"		Set at 5341'		Perforations 5116		то 5122'	
Tubing Siz 2-3/8"				Internal Diameter 1.995"		Set at 5095'		Perforations		То	
Type Completion (Describe) SINGLE			Type Fluid Production WATER				Pump Unit or Traveling PUMPING UNIT		Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) TUBING			% Carbon Dioxide			% Nitrogen		Gas Gravity - G _g			
Vertical De	epth(H)				Pres	sure Taps		-		(Meter I	Run) (Prover) Size
Pressure E	- Buildup:	Shut in 10 C	OCT 20	14 at 0	800	(AM) (PM)	Taken 1	OCT	20	14 at 0800	(AM) (PM)
Well on Lir	ne:	Started	20) at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFAC	E DATA		-	Duration of Shut-	in 24 Hours
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Pressure psig (Pm) Pressure psig (Pm) Pressure price pressure price pressure price pressure pressure price pressure press		Flowing Temperature t Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In				_	_	40	80				
Flow					FLOW STR	EAM ATTE	IDUTEC				
Plate		Circle ane:	Drass			Flowing	IBUIES				Flowing
Coeffiecient		Meter or Prover Pressure psia Press Extension Pm x h		Gravity Factor F		emperature Fac		viation Metered Flow actor R F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)	Elula 🎽
							<u> </u>				
(P _c)² =		· (P \2 =		•	OW) (DELIV		•				² = 0.207 ² =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		$ (P_w)^2 = $		LOG of formula 1, or 2,		Backpressure Curve Slope = "n"		ln x tog		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
0255 51:			Mat J & 4 : :			D-10.	.:::				
Open Flow			Mcfd @ 14.6	·		Deliverab	-			Mcfd @ 14.65 ps	
	_	rein, and that sa				_			•	rt and that he ha	, 20 <u>14</u>
		Witness (it	any)		KCC	MICH	17FA		ForC	company	
		For Commi			- DE C	18 201	4			cked by	

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and that the foregorrect to the bes	der Rule K.A.R. 82-3-304 on behalf of the operator HUMMON CORPORATION going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records
· ·	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the HERD 1-32
	ounds that said well:
_	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 eto supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 12/14/2014	<u>; </u>
	KCC WICHITASignature: Mar Chart

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.