KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flow	,			(See Instruct	tions on Rev	erse Side)					
Deliverabilty						Test Date: 11/18/2015				API No. 15 15-025-20215 → 0 0 0 0				
Company		RPC	RATION			Lease HARPER RANC			- -	<u> </u>	2-4	Well Number		
					Section 4		TWP 34S	WP RNG (E/W)				Acres Attributed		
Field					Reservoir MORRO		040	Gas Gathering Con			ection	100		
					Plug Back	Plug Back Total Depth 5458'			Packer S					
Casing Size Weight				Internal D	Diameter		Set at 5500		Perforations					
4-1/2" 10.50# Tubing Size Weight			3.950" Internal Diameter		Set at		5436 Perforations		5440 To					
2-3/8" 4.70#				1.995"				Pump Unit or Traveling F						
Type Completion (Describe) SINGLE						Type Fluid Production OIL AND WATER				it or Traveling ING UNIT		/ No		
Producing Thru (Annulus / Tubing) TUBING					% C	% Carbon Dioxide			% Nitrog	en	Gas G	ravity - G _g		
Vertical D	epth(H)		-			Pres	sure Taps				(Meter	Run) (Prover) Size		
Pressure	Buildup	: S	shut in NO	V 18 2	0_15 at_0	730	(AM)-(PM)	Taken_N	OV 19	20	15 at 0730	(AM) (PM)		
Well on L	ine:	8	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)		
						OBSERVE	D SURFACE	DATA			Duration of Shut	-in_24 Hour		
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu		Flowing Temperature t	Welt Head Temperature t	Molhand Draceura		Tubing Wellhead Pressure $(P_w) \text{ or } (P_1) \text{ or } (P_c)$		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In			psig (Pm)	Inches H ₂ 0			psig 20	_{psia} 45	psig	psia		-		
Flow														
					·	FLOW STR	EAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Extension Fact		or Temperature		iation ctor : pv	Metered Flov R (Mcfd)	w GOR (Cubic F Barrel	eet/ Fluid		
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 0.207$ $(P_c)^2 =$ $(P_w)^2 =$ $(P_d)^2 =$														
$(P_e)^2 - (P_g)^2$ or $(P_c)^2 - (P_d)^2$)²- (P _w)²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P ₀ ² -P _w ²	Slope	sure Curve e = "n" or igned rd Slope		x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	en Flow Mcfd @ 14		65 psia		Deliverability		Mof		Mcfd @ 14.65 ps					
		ined	authority, or		,	states that h			o make th		ort and that he h			
				id report is true	, ,		-			ECEMBER		, ₂₀ <u>15</u>		
						KCC '	WICH!	1 %F !! '\;/;						
Witness (if any)					DEC 1 6 2015				For Company					
			For Commission Checked by RECEIVED											

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I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to reque exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Hummon Corporation	∍st
and that the foregoing pressure information and statements contained on this application form are true ar	— nd
correct to the best of my knowledge and belief based upon available production summaries and lease record	ds
of equipment installation and/or upon type of completion or upon use being made of the gas well herein name	ed.
I hereby request a one-year exemption from open flow testing for the Harper Ranch #2-4	_
gas well on the grounds that said welt	
(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 Commis	ssion
staff as necessary to corroborate this claim for exemption from testing.	
- 10/14/204E	
Date; 12/14/2015	
Signature: Tylun C line	_
KCC WICHTA Title PRODUCTION ADMINISTRATOR / PUMPER	
DEC 1 8 2015	_
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.