KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instructions on Reverse Side)								
Ор	en Flo	w ¦		r	Test Date: API No. 15								
Deliverability					Test Date	7/29/15				15-007-2 221-0000 22 92/- 0000			
Company Raymond Oil Company, Inc.						Lease Dugan Trust				Well Number E-1			
County Location Barber C SE SE NW				Section 33				RNG (E/W) Acres Attributed 13W					
Field Brooks						Reservoir Indian Cave			Gas Gathering Connection ONEOK Field SVCS				
Completion Date 9/19/05					Plug Back 2779	Plug Back Total Depth 2779			Packer Set at NONE				
Casing Size Weight 4.5 10.5				Internal E 3.927	iameter		Set at 2820		rations 8	To 2663			
Tubing Si 2.375	Tubing Size Weight 2.375 4.70				Internal C 1.995	iameter		Set at . Per 2670 26		rations 0	ons To 2670		
Type Completion (Describe) Single						Type Fluid Production Gas, Water				Pump Unit or Traveling Plunger? Yes / No Pumping - ~			
Producing Thru (Annulus / Tubing) Annulus					% C .104	% Carbon Dioxide			% Nitrog 5.241	en	Gas Gra .634	vity - G _g	
Vertical D	epth(l	- f)			* /	Pressure Taps					(Meter F	Run) (Prover) Size	
2661 7/74/15 Flange 2													
Pressure	Buildu	ıp:	Shut in	MARIAND.	0_ <u>15</u> at	1130	_ (AM) (PM) ·	Taken_7	130/1	20	15 at 11:3	O (PM)	
Well on L	ine:	;	Started	2	0 at		. (AM) (PM)	Taken		20	at	(AM) (PM)	
OBSERVED SURFACE DATA Duration of Shut-in Hours													
Static / Orific		Mater		Pressure Differential	Flowing	Well Head		Casing Wellhead Pressure		ľubing ad Pressure	Duration	Liquid Produced	
Dynamic Property	Siz (inch		Prover Pressu psig (Pm)		Temperature t	Temperature t	9 I	(P _w) or (P ₁) or (P _c)		(P _t) or (P _c)	(Hours)	(Barrels)	
Shut-In							110	140	psig	рыа	•		
Flow			-			··· ·· · · · · · · · · · · · · · · · ·			٠,	·,			
," PJ 2	FLOW STREAM ATTRIBUTES												
Plate			Circle one: Press		Gravity		Flowing	Flowing		Metered Flov	GOR Flowin		
	Coeffiecient		Meler or over Pressure	Extension	Fact	or	Temperature	emperature Ear		Metered Plot	(Cubic Fed	et/ Fluid	
(F _b) (F Mcfd	(F _b) (F _p) Mcfd		psia	√ P _m xh	F _a		Factor F _{rt}	F _{pv}		(Mcfd)	Barrel)	Gravity G _m	
			m.		<u> </u>		,						
<u>. </u>					(OPEN FLO	OW) (DELI	VERABILITY)	CALCUL	ATIONS		. 1 (P.)	·	
(P _c) ² =		_:	(P _w) ² =	::	$P_d =$,% (P,	- 14.4) +	14.4 =	;	(P _a);		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$				1. P _c ² -P _a ² 2. P _c ² -P _d ²		LOG of formula		Backpressure Curve Slope = "n"		roe, [].	ì Antilog	Open Flow Deliverability Equals R x Antilog	
(P _c) ² - (F	- _d)²			divided by: P.2 - P.3	and divide	P _c . P _w ²		gned rd Slope	-			(Mcfd)	
									 				
Open Flow Mcfd @ 14.65 psia					65 psia	Deliverability			Mcfd @ 14.65 psia				
The t	unders	igne	d authority, o	n behalf of the	Company, s	tates that	he is duly aut	horized to	make th	e above r	rt and that he ha	s knowledge of	
the facts stated therein, and that said report is true and correct. Executed this the											, 20 <u>15</u>		
			Witness (i	if any)			CHITA	_dex	W	For	Company		
			For Comm	nission	AL	IG 0,7	2015	<u> </u>	الإلد	au H O	respond		

RECEIVED

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 Raymond Oil Company, Inc.									
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									
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 Commission staff as necessary to corroborate this claim for exemption from testing.									
Date:									
AUC 0,7 2015 Signature: Manual Signature: Clarke T. Sandberg, Geologist									
RECEIVED Title: Clarke 1. Sanguerg, Geologist									

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.