

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST JUL 25 2012

Type Test:

- Open Flow
 Deliverability

Test Date:
7-17&18-2012

API No. 15
15-007-22921-0000

KCC WICHITA

(See Instructions on Reverse Side)

Company Raymond Oil Company, Inc.		Lease Dugan Trust			Well Number E-1
County Barber	Location C SE SE NW	Section 33	TWP 31S	RNG (E/W) 13W	Acres Attributed
Field Brooks		Reservoir Indian Cave		Gas Gathering Connection ONEOK Field SVCS.	
Completion Date 9-19-05		Plug Back Total Depth 2779		Packer Set at NONE	
Casing Size 4.500	Weight 10.500	Internal Diameter 3.927	Set at 2820	Perforations 2658	To 2663
Tubing Size 2.375	Weight 4.70	Internal Diameter 1.995	Set at 2670	Perforations 2670	To 2670
Type Completion (Describe) single		Type Fluid Production gas, water	Pump Unit or Traveling Plunger? pumping		
Producing Thru (Annulus / Tubing) annulus		% Carbon Dioxide .104	% Nitrogen 5.241	Gas Gravity - G _g .634	
Vertical Depth(H) 2661		Pressure Taps flange		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 7-17-12		20 at _____ (AM) (PM)		Taken 7-18-12	
Well on Line: Started _____		20 at _____ (AM) (PM)		Taken _____	
_____		_____		_____ (AM) (PM)	

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						270				24	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = _____ : (P_w)² = _____ : P_d = _____ % (P_c - 14.4) + 14.4 = _____ : (P_c)² = 0.207
(P_d)² = _____

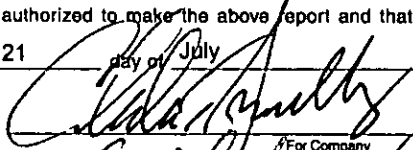

(P _c) ² - (P _w) ² or (P _w) ² - (P _d) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. P _c ² - P _w ² 2. P _w ² - P _d ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by: P _c ² - P _w ²	Backpressure Curve Slope = "n" ----- or ----- Assigned Standard Slope	n x LOG []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 21 day of July, 2012.

Witness (if any)

For Commission


 For Company

 Checked by

RECEIVED

Form G-2
(Rev. 7/03)

JUL 25 2012

KCC WICHITA

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.

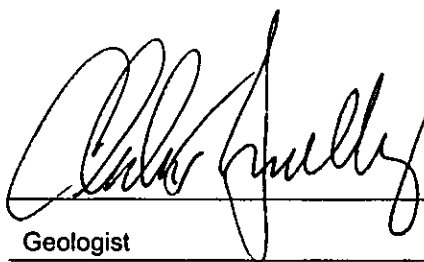
I hereby request a one-year exemption from open flow testing for the #1 Dugan Trust 'E' gas well on the grounds that said well:

(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: 7-21-12

Signature: 

Title: 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.