KANSAS CORPORATION COMMISSION
ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2 (Rev.8/98)

TYPE TEST:

☒ Open Flow

☐ Deliverability

TEST DATE: 9-8 &9,2011   API No. 15-007-22921-0000

Company	Lease	Well Number
RAYMOND OIL COMPANY, INC..	DUGAN TRUST	E-1

County	Location	Section	TWP	RNG(E/W)	Acres Attributed
BARBER	C SE SE NW	33----31S----13W			

Field	Reservoir	Gas Gathering Connection
BROOKS	INDIAN CAVE	ONEOK FLD.SVCS.

Completion Date	Plug Back Total Depth	Packer Set at
9-19-05	2779	NONE

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
4.500	10.500	4.052	2820	2658	2663

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.375	4.700	1.995	2670	2670	2670

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger?
SINGLE	GAS,WATER	FLOWING

Producing Thru(Annulus/Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity- Gg
ANNULUS	.104	5.241	.634

Vertical Depth (H)	Pressure Taps	Meter Run Size
2661	FLANGE	2"

Pressure Buildup: Shut in	9-5-11 10:00 A.M.	TAKEN	9-8-10 10:00 A.M.
Well on Line: Started	9-8-11 10:00 A.M.	TAKEN	9-9-11 10:00 A.M.

RECEIVED SEP 16 2011 KCC WICHITA

OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Meter Pressure psig	Pressure Diff. In. H$_2$O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. $(P_w)(P_t)(P_c)$ psig	Casing WellHead Press. psia	Tubing WellHead Press. $(P_w)(P_t)(F_c)$ psig	Tubing WellHead Press. psia	Duration (Hours)	Liquid Prod. Barrels
Shut-in						450	464			72.0	
Flow	1.375	40.0	10.70	59	60	200	214			24.0	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F_b) Mcfd	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW R Mcfd	GOR	G_m
10.460	54.4	24.13	1.2559	1.0010	1.0044	318		.634

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

$(Pc)^2 = 215.7$ $(Pw)^2 = 46.2$ $Pd = $ % $(Pc - 14.4) + 14.4 =$ $(Pa)^2 = 0.207$ $(Pd)^2 =$

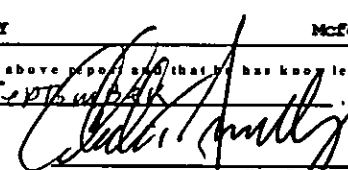| $(P_c)^2 - (P_a)^2$	$(P_c)^2 - (P_w)^2$	$\begin{bmatrix}(P_c)^2 - (P_a)^2 \\ \text{or} \\ (P_c)^2 - (P_d)^2 \\ (P_c)^2 - (P_w)^2\end{bmatrix}$	LOG [ ]	Backpressure Curve Slope"n" ---- or ---- Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability = R x Antilog Mcfd
215.46	169.52	1.271	.1042	.803	.0836	1.212	386

OPEN FLOW 386   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 herein and that said report is true and correct. Executed this the ___9TH___ day of ___September___ 2011.

_____ Witness (if any)

_____ For Commission

For Company

Checked by