

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 1-14-94
 Company: Raymond Oil Co., Inc. *5046 Lease: Rundell "E" Well No. 1
 County: Stafford Location: NWSENE Section: 32 Township: 25 Range: 11W Acres: 80
 Field: Prafford Reservoir: Miss. Pipeline Connection: Permian
 Completion Date: 12-15-93 Type Completion (Describe): 500 gal. 7 1/2" MA Plug Back T.D.: 4050 Packer Set At: —
 Production Method: Flowing Pumping Gas Lift Type Fluid Production: Oil + wt. API Gravity of Liquid/Oil: 42
 Casing Size: 5 1/2" X 14# Weight: 5.012 I.D.: 4.190 Set At: 3950 - 3954 Perforations: — To: —
 Tubing Size: 2 3/8" X 4.70# Weight: 1.995 I.D.: 4.030 Set At: 4015' - 18' Perforations: — To: —
 Pretest: Starting Date: 1-13-94 Time: 8:45 AM Ending Date: 1-14-94 Time: 8:45 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing: <u>260#</u> Tubing: <u>50#</u>			<u>50#</u>			<u>—</u>				
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>250</u>	<u>27377</u>	<u>3'</u>	<u>4"</u>	<u>166.68</u>	<u>5'</u>	<u>9"</u>	<u>115.03</u>	<u>16</u>	<u>48.35</u>
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range				
Pipe Taps: <u>—</u>		Flange Taps: <input checked="" type="checkbox"/>		Differential: <u>0 - 100"</u>		Static Pressure: <u>0 - 500"</u>		
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3"</u>	<u>625</u>	In. Water	In. Merc.	Psig or (Pd)			
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia) (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fdv)	Chart Factor (Fd)
<u>1.897</u>	<u>54.4</u>	<u>52.15</u>	<u>1.00</u>	<u>1.00</u>	<u>—</u>	<u>—</u>
Gas Prod. MCFD Flow Rate (R): <u>98.93</u>	Oil Prod. Bbls./Day: <u>48.35</u>	Gas/Oil Ratio (GOR) = <u>2.05</u>	Cubic Ft. per Bbl.			

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 14th day of January 1994

For Offset Operator: Stephen J. Pfeiffer For State: Nancy Drake For Company: —

RECEIVED
 STATE CORPORATION COMMISSION

JAN 20 1994
 1-20-1994
 CONSERVATION DIVISION

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR _____ LOCATION OF WELL _____

LEASE _____ OF SEC. T R _____

WELL NO. _____ COUNTY _____

FIELD _____ PRODUCING FORMATION _____

Date Taken _____ Date Effective _____

Well Depth _____ Top Prod. Form _____ Perfs _____

Casing: Size _____ Wt. _____ Depth _____ Acid _____

Tubing: Size _____ Depth of Perfs _____ Gravity _____

Pump: Type _____ Bore _____ Purchaser _____

Well Status _____
Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____

Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS

SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS _____ MINUTES _____ SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE

OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) _____

WATER PRODUCTION RATE (BARRELS PER DAY) _____

OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY

STROKES PER MINUTE _____

LENGTH OF STROKE _____ INCHES

REGULAR PRODUCING SCHEDULE _____ HOURS PER DAY.

COMMENTS _____

WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET