

Marathon Oil Company
Bertha Barber No. 4
C-103 Subsequent Report
November 21, 1997

11/12/97 - RUPU ND WH & NU BOP. POOH with Tubing

Rig Up Wireline, RIH with dump bailer, capped CIBP @ 3170', with 20' cement and tested to 500 psi.

RIH with 4" port guns, 120 degree phasing, 1 JSPF, and perforated the upper Eumont formation from 2420'-2890'.

RIH with 7" packer and set @ 2336'.

RU Acid company and pumped 5000 gallons 15% acid with 300 Ball Sealers.

RD Acid company and swabbed back spent acid.

POOH with tbg and pkr., RIH with 3 1/2" workstring and pkr. set @ 2347.

Foam Frac with 250 tons CO2 and 111,200 #'s 16/30 sand. Flowed well back.

Kill well and POOH with 3 1/2" Tbg and pkr.

RIH with pkr and 2 3/8" tbg, set pkr @ 2347'.

NDBOP, NUWH. Swab well and kick off flowing.

11/18/97 - Test

0 BOPD

0 BWPD

1650MCF

33/64" Choke

240 psi Tubing Pressure

Reg/C103/Barber4.sub/kc