

LEA DEVONIAN POOL

Background

Discovery:	July, 1960
Current Status:	4 Active Producers 7 SI or Abandoned Wells
Current Production:	173 BOPD 185 MCFPD 7,925 BWPD
Average Well Depth:	14,400 Feet
Discovery Pressure (7/60):	6,065 PSIA @ -10,744' ss
Current Pressure:	5,280 PSIA @ -10,744' ss
Bubble Point Pressure:	567 PSIA
Solution GOR:	275 SCF/STB
Average Porosity:	6.50%
Average Permeability:	52.3 md
Average Water Saturation:	34.80%
Drive Mechanism:	Bottom Water Drive
Estimated Original O/W Contact:	-10,845' ss
Original Oil in Place:	24,842 MSTBO
Primary Recovery: (Decline Curve Analysis)	8,282 MSTBO
Percent OOIP:	33.70%

Before The
Oil Conservation Division
Santa Fe, New Mexico
Case No. 11183

Marathon Oil Company Exhibit No. 4

December 15, 1994