

MOBIL OIL CORPORATION
FEDERAL LL WELL #1
ATTACHMENT NO. II

Acid, Shot, Fracture, Cement Squeeze, Etc. Line 32

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
11,468-11,728 Morrow Zone	Western Co. acidized perfs. w/6,000 gals 7-1/2% MS acid, flushed w/KCL water, used 120 RCN ball sealers, used 1,000 SCFN2/bbl. of acid and flush water. Western Co. SWF Morrow perfs. 11,468-11,728 w/20,000 gals 5% MS fluid + 729,000 SCF CO ₂ + 24,000 # 20/40 sd. Ottawa sd. + 6,000# 12/20 glass beads, used 75 RCN ball sealers.
10,295-10,306 Canyon Zone	Western Co. acidized perfs w/5,000 gals 15% NE acid, used 20 RCN ball sealers, flushed w/45 bbls. Calc. wtr.