

YATES PETROLEUM CORPORATION
Quay AQU State #1
Section 10-T23S-R33E
Lea County, New Mexico

#27: ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.:

DEPTH INTERVAL

TREATMENT

12734-13159'

Acidized as follows: 4000 gallons 15% Fenchade HCL, 7500 gallons 20% UGA HCL, 3000 gallons 15% NEFE HCL, 1000 gallons 20# gelled brine, 700# rock salt, 300# benzoic flakes and ball sealers; 7500 gallons 20% UGA HCL, 3000 gallons 15% NEFE HCL, 1000 gallons 20# gelled brine, 700# salt, 300# benzoic flakes and ball sealers; 7500 gallons 20% UGA HCL, 3000 gallons 15% NEFE HCL and ball sealers; 7500 gallons 20% UGA HCL, 3000 gallons 15% NEFE HCL acid. Flushed with 4000 gallons

8865-8882'

Acidized with 1500 gallons 10% iron control acid. Frac'd (via 2-7/8" tubing) with 15500 gallons 25# borate crosslink gel, 40000# 20-40 Ottawa sand and 9000# 16-30 Super LC sand.