

YATES PETROLEUM CORPORATION
Serrano Federal #2
Section 11-T19S-R25E
Eddy County, New Mexico

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

DEPTH INTERVAL

TREATMENT

7827-7836'

Set cement retainer at 7800'. Sting into retainer. Establish injection rate of 3 BPM at 100 psi. Mixed and pumped 200 sacks Class H and 5/10% FL52. With 115 sacks of cement below retainer, squeezed perfs. 7827-7836' to 3500 psi. Sting out of retainer and reversed casing clean. WOC.

Drilled out retainer at 7800'.

7730-7778'

Acidized with 1500 gallons 20% iron control HCL acid and ball sealers

7665-7689'

Acidized with 1000 gallons 20% iron control HCL acid and ball sealers

7665-7778'

Acidized with 20000 gallons 20% gelled iron control HCL acid with 4000# rock salt dropped in 60 bbls of 10# brine water with 12500 gallons of acid pumped