

YATES PETROLEUM CORPORATION  
Hickory ALV Federal #5  
Section 18-T22S-R24E  
Eddy County, New Mexico

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

DEPTH INTERVAL

TREATMENT

10285-10290'

Acidized with 1000 gallons 7-1/2% iron control  
HCL acid with 1000 scf/bbl N2

Frac'd with 22200 gallons 70Q foam and 23000#  
Carbo ISP-1 interprop (20-40). Screened out with  
23000# out of 26800# of prop in formation

10112-10134'

Acidized with 2000 gallons 7-1/2% iron control  
HCL acid with 1000 scf/bbl N2 and ball sealers

Frac'd with 34600 gallons 65Q foam and 27000#  
20-40 interprop

10060-10066'

Acidized with 1000 gallons 7-1/2% iron control  
HCL acid with 1000 scf/bbl N2

9955-9963'

Acidized with 1000 gallons 7-1/2% iron control  
HCL acid with 1000 scf/bbl N2

Frac'd with 20800 gallons 70Q foam and 24500#  
20-40 interprop. Screened out with 26 bbls of  
50 bbls flush pumped