

YATES PETROLEUM CORPORATION
Papalotes Unit #1
Section 34-T14S-R34E
Lea County, New Mexico

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

<u>DEPTH INTERVAL</u>	<u>TREATMENT</u>
10584-10642'	Acidized with 3000 gallons 20% NEFE acid & ball sealers. Retainer set at 10550'. Mixed and pumped 50 sacks "H", .4% fluid loss and 110 sacks "H" Neat (yield 1.18, weight 15.6). Squeezed to 3700 psi with 90 sacks in formation.
10439-10468'	Acidized with 2000 gallons 20% NEFE acid & ball sealers. Re-acidized with 10000 gallons 15% NEFE gelled acid.
10524-10530'	Acidized with 1000 gallons 20% NEFE acid. With 13 bbls in formation, communicated up to perfs. 10439-10468'. Set retainer at 10400'. Mixed and pumped 200 sacks "H", .4% CF-14 and 50 sacks "H" Neat (yield 1.18, weight 15.8). With 150 sacks in formation, squeezed perfs 10439-10530' to 3500 psi.
13414-13422'	Acidized with 2000 gallons 10% iron control HCL acid.
13315-13358'	Acidized with 2500 gallons 10% iron control HCL acid with 1500 scf/bbl N2.