

YATES PETROLEUM CORPORATION  
Shinnery Unit #1  
Section 9-T10S-R34E  
Lea County, New Mexico

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

<u>DEPTH INTERVAL</u>	<u>TREATMENT</u>
13110-13140'	Acidized with 3000 gallons 7-1/2% Morrow acid with 25% methanol and 1000 scf/bbl N2  Frac'd with 59300 gallons 70Q foam and 97000# 20-40 Carboprop (via 7" casing)
12936-12972'	Acidized with 3500 gallons 15% iron control acid with cationic surfactant and ball sealers
12286-12382'	Cement retainer set at 12270'. Mixed & pumped 50 sacks "H" Neat with 4/10% fluid loss and 100 sacks "H" Neat. Squeezed to 4000 psi with 81 sacks in formation
12070-12076'	Acidized with 600 gallons 7-1/2% Morrow acid and ball sealers
11950-11962'	Acidized with 1200 gallons 7-1/2% Morrow acid
11738-11744'	Acidized with 650 gallons 7-1/2% Morrow acid
11654-11664'	Acidized with 1000 gallons 7-1/2% Morrow acid and ball sealers  Frac'd with 60,560 gallons 70Q foam and 74000# 20-40 Interprop (via 2-7/8" tubing)

#26: PERFORATION RECORD:

13110-13140' w/62 .42" holes  
12936-12972' w/37 .42" holes  
12286-12382' w/102 .42" holes - squeezed  
12070-12076' w/24 .42" holes  
11950-11962' w/48 .42" holes  
11738-11744' w/24 .42" holes  
11654-11664' w/40 .42" holes