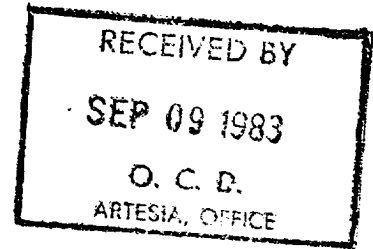


Stateline Federal #1
August 22, 1983



24. Producing Intervals

5883' - 5892' & 5863' - 5867' Delaware
5758' - 5770' Delaware
5308' - 5330' Delaware
5129' - 5135' & 5103' - 5107' Delaware
4984' - 5005' & 4935' - 4942' Delaware

31. Perforation Record

6565' - 6442' 22 shots
5883' - 5892' & 5863' 5867' 15 shots
5758' - 5770' 13 shots
5308' - 5330' 23 shots
5129' - 5135' & 5103' - 5107' 12 shots
4984' 5005' & 4935' 4942' 30 shots

32. Acid shot Fracture cement squeeze etc.

1. 6565' 6442' 150 sx Class H - squeeze
2. 5883' 5892' & 5863' 5867' 1500 gal 15% NE Acid
Frac w/12000 gal 75 Quality Foam w/9000# 20/40 sand
& 8000# 12/20 sand.
3. 5758' - 5770' 1250 gal 15% NE Acid
Frac w/1200 gal 75 Quality Foam w/9000# 20/40 sand &
8000# 10/20 sand.
4. 5308' - 5330' 2000 gal 15% NE Acid
Frac w/15000 gal of 75 Quality Foam w/9000# 20/40 sand
& 14000# 12/20 mesh sand.
5. 5103'-5135' 1500 gal. 15% NE Acid
Frac w/12000 gal 75 Quality Foam w/11000# 20/40 sand
& 8000# 10/20 sand.
6. 4935' - 5005' 3000 gal 15% NE Acid
Frac w/20000 gal 75 Quality Foam
13000# 20/40 and 12000 10/20 mesh sand.