

ROSS FEDERAL NO. 4

3100' FNL, 2600' FEL
T21S, R24E
Eddy County

Hole size 17 1/2"
Surface Casing: 13 3/8", 48#, H-40 set at 401'
Cemented with 400 sx Class C
Circulated to surface

Hole size 12 1/4"
Intermediate Casing: 9 5/8", 36#, J-55 set at 3010'
Cemented with 800 sx Class C
Circulated to surface

Hole size 8 3/4"
Production Casing: 4 1/2", 11.6#, N80 set at 9832'
Cemented with 950 sx Class C and Super C Modified
TOC 5000'

Arrowset packer
set at 8949'

2 3/8" tubing
set at 8957'

9090' - 9101' Atoka perfs
2 JSPF, total 22 holes

9576' - 9662' Morrow perfs
4 JSPF, 120 degree phase, total 120 holes

