PROPOSED SWD CONVERSION

13-3/8" 48# set at 125'
Cemented with 250 sxs.
Cement Circulated.

9-5/8" 36# set at 3340'
Cemented with 1630 sxs
TOC 225'.

4-1/2" Tubing

Liner Hanger
Polished Bore Receptical

Perforations:

   7360' to 7396'   (original 1964)

   7341' to 7366'   (added 1993)
   7382' to 7393'   (added 1993)

Perforations:

   7412' to 7476'   (original 1965)

7" 26, 23, and 20# set at 7850'
Cemented with 200 sxs.

4-1/2" Casing Set at ± 10,000 feet
with External Casing Packer.

Open Hole Section
10,000 ft to 11,000 ft
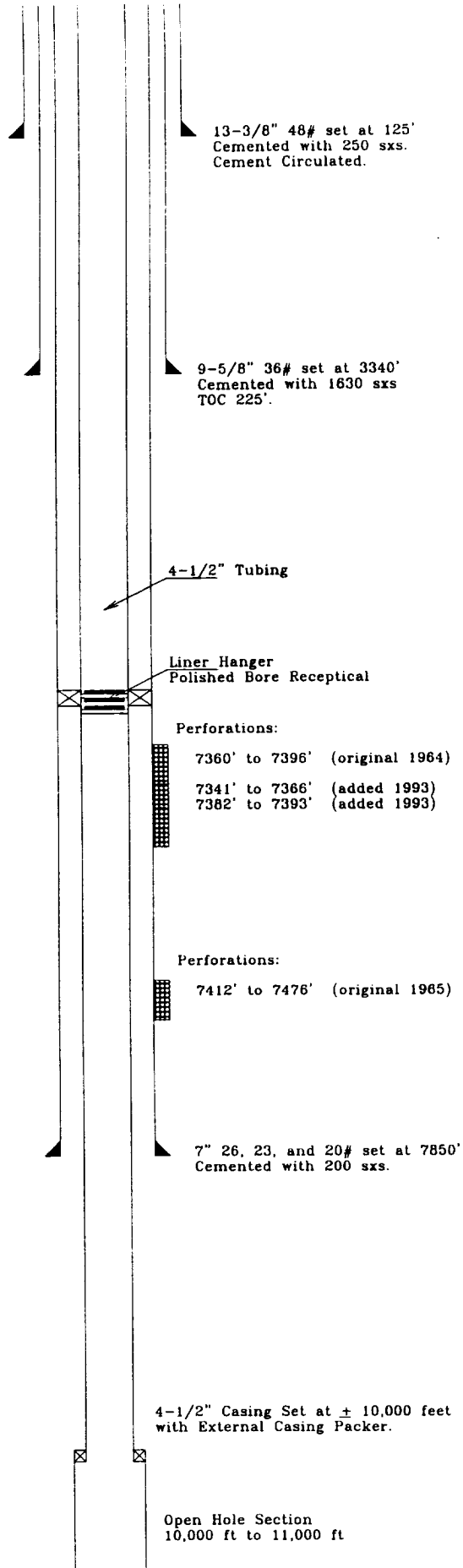
WELL NAME:
Federal "C" Well No. 1

LOCATION:
1650' FNL & 1650' FWL
Section 35, T-21-S, R-23-E
Eddy County, NM

ELEVATIONS:
GL: 3961'
KB: 3974'

SURFACE CASING
13-3/8" 48# set at 125'
Cemented with 250 sxs.
Cement circulated

INTERMEDIATE CASING
9-5/8" 36# set at 3340'
Cemented with 1630 sxs.
Cement circulated.   TOC 225'

LONG STRING
7" 26, 23, & 20# set at 7850'
Cemented with 200 sxs.

   P R O P O S E D

LINER
4-1/2" 11.6# set from 7250' to 10,000'.
Cement with 300 sxs.
Polished-Bore Receptical at 7250'.
External Casing Packer and
Cement Stage Tool at 10,000'.

TUBING
4-1/2" tubing to 7250'.
Lined with "Duoline-20"
Fiberglass-Epoxy Lining

INJECTION INTERVAL
Open Hole 10,000 ft to 11,00 ft
Hole Size: 6-1/8"

PERFORATIONS
Propose to cover perforations:
   7360' to 7396'
   7341' to 7366'
   7382' to 7393'
   7412' to 7476'
with 4-1/2" liner and cement.