**Amoco Production Compa.,**

ENGINEERING CHART

SHEET NO. OF

FILE

APPN

DATE

BY

SUBJECT [illegible] FEDERAL No. 4

WEST TONTO [illegible]

[illegible] 1980 FSL [illegible] T-17-S, R-31-E

EDDY COUNTY, NEW MEXICO.

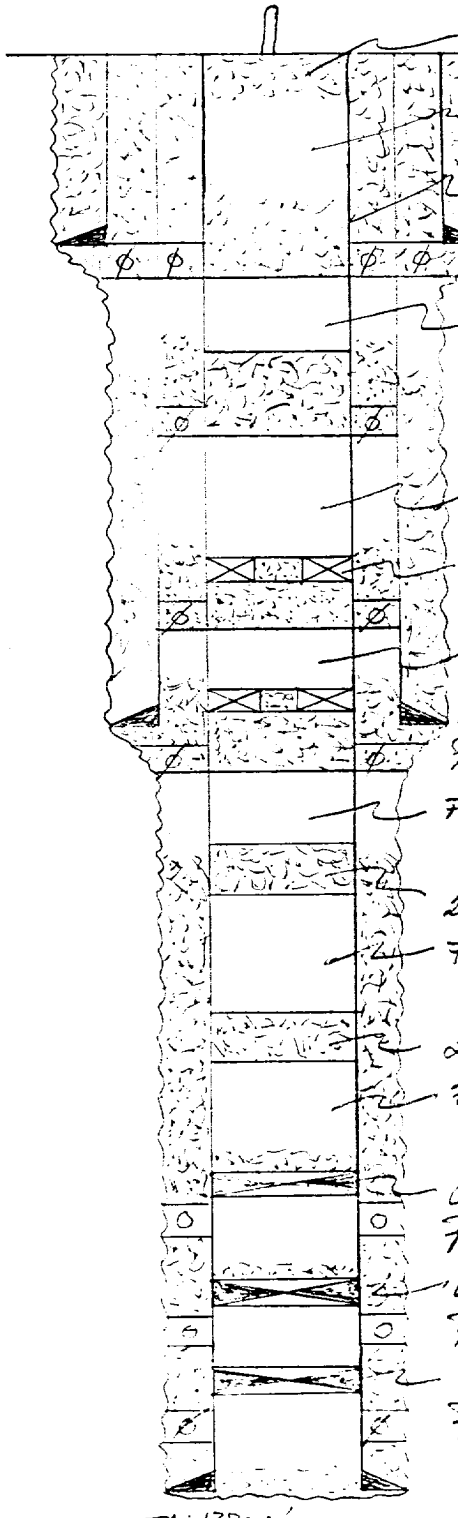
ELEVATION: [illegible]

[illegible] 3-1-78

13 3/8" 48# H-40 CSG
CSG SH 398'
CMT w/ 430 Sx
17 1/2" HOLE
CIRC.

9 5/8" 36# S-80, K-55 CSG
CSA 4974'
CMT w/ 2780 Sx
12 1/4" HOLE
TCMT @ 550 VIS TEMP SUR.

5 1/2" 23, 20, 17# N-80 CSG
CSA 13700'.
CMT w/ 1800 Sx
8 3/4" HOLE
TCMT 6200' VIA TEMP SUR.



10 Sx Class H Cmt Surface Plug.
Filled w/ 10# Brine w/ 25# Gel/Bbl
Pump 50 Sx Class H Cmt x Circ Annuli
Perf 450 w/ 4 DRTSPF.
Filled w/ 10# Brine w/ 25# Gel/Bbl.
50 Sx Class H Cmt Plug at TCMT 9 5/8" CSG.
Perf 600' w/ 4 SPF
Filled w/ 10# Brine w/ 25# Gel/Bbl.
Cmt Ret SA 2400' x Pump 50 Sx Class H Cmt.
Perf 2500' w/ 4 SPF
Filled w/ 10# Brine w/ 25# Gel/Bbl.
Cmt Ret SA 4225 x Pump 50 Sx Class H Cmt.
Perf 5025 w/ 4 SPF
Filled w/ 10# Brine w/ 25# Gel/Bbl.
25 Sx Class H Cmt Plug at 6400' TCMT in 5 1/2" CSG Stubs.
Filled w/ 10# Brine w/ 25# Gel/Bbl
25 Sx Class H Cmt Plug at 7600' Top of Bone Springs Fm
Filled w/ 10# Brine w/ 25# Gel/Bbl
CIBP SA 10300 x Cap w/ 35' Cmt.
Perf: 10328'-346', 354-364 w/ 2 SPF
CIBP SA 13150 x Cap w/ 35' Cmt.
Perf: 13183-189, 250-260 w/ 4 SPF.
CIBP SA 13270'
Perf: 13322-324, 540-547 w/ 4 SPF
Sq Cmt.

TD: 13700'

PBTD 13115'

Form 371 2-71