

A
NW

A'
SE

1

YATES PETROLEUM CORP.
Federal "BZ" No. 16
1980' FNL & 660' FEL
Sec. 28 17S-25E

2

YATES PETROLEUM CORP.
Morley "EW" No. 1
660' FSL & 660' FEL
Sec. 27 17S-25E

3

YATES PETROLEUM CORP.
Sowers "FB" No. 1
1980' FNL & 660' FWL
Sec. 34 17S-25E

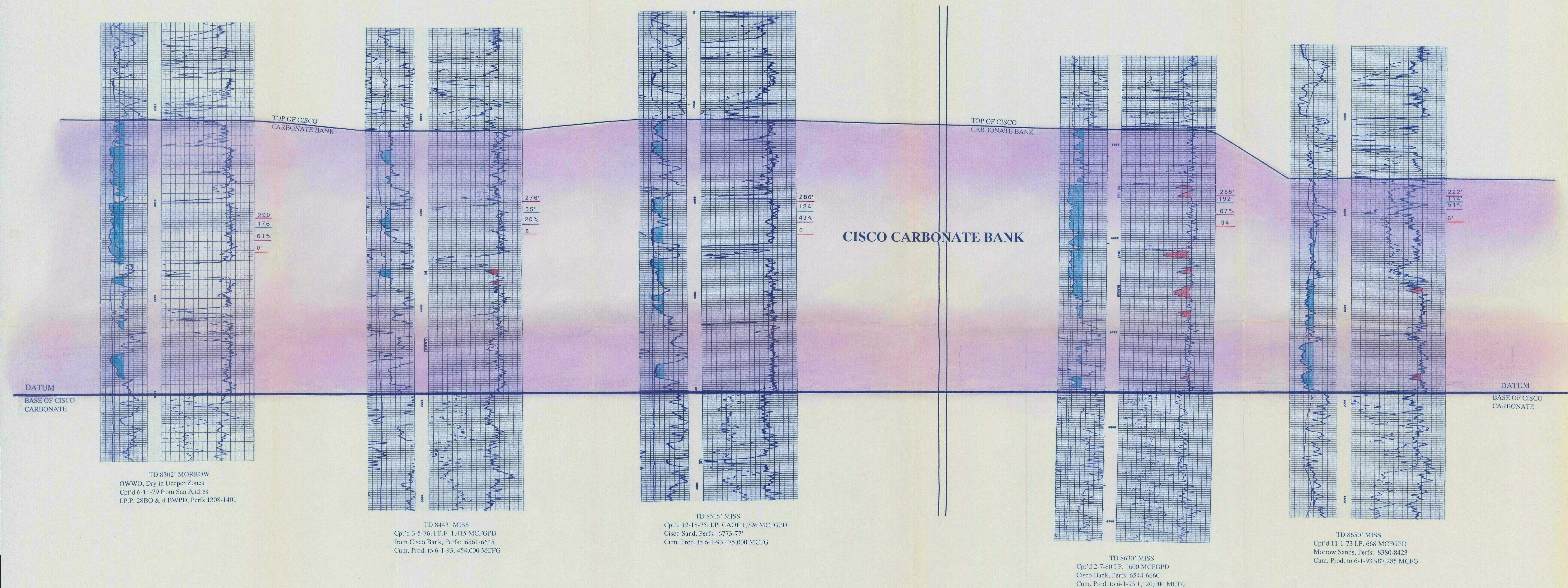
4

PROPOSED LOCATION
MYCO / YDC MYD FED NO. 1
990' FSL & 1980' FEL
Sec. 34 17S-25E

5

YATES PETROLEUM CORP.
Morris "MC" Com No. 1
1980' FNL & 1980' FEL
Sec. 3 18S-25E

MERIT ENERGY
Johnson Com No. 1
660' FEL & 2080' FSL
Sec. 2 18S-25E



Legend: All Logs are GR/Neutron/Density Logs

276' = Thickness of Cisco
CO₃ Bank

55' = Thickness of Limestone
Reading less than 50 API
Units

20% = Percent of Cisco Bank
that is clean CO₃

8' = Number of Feet that has
over 2 Divisions Gas Effect
on Porosity Log

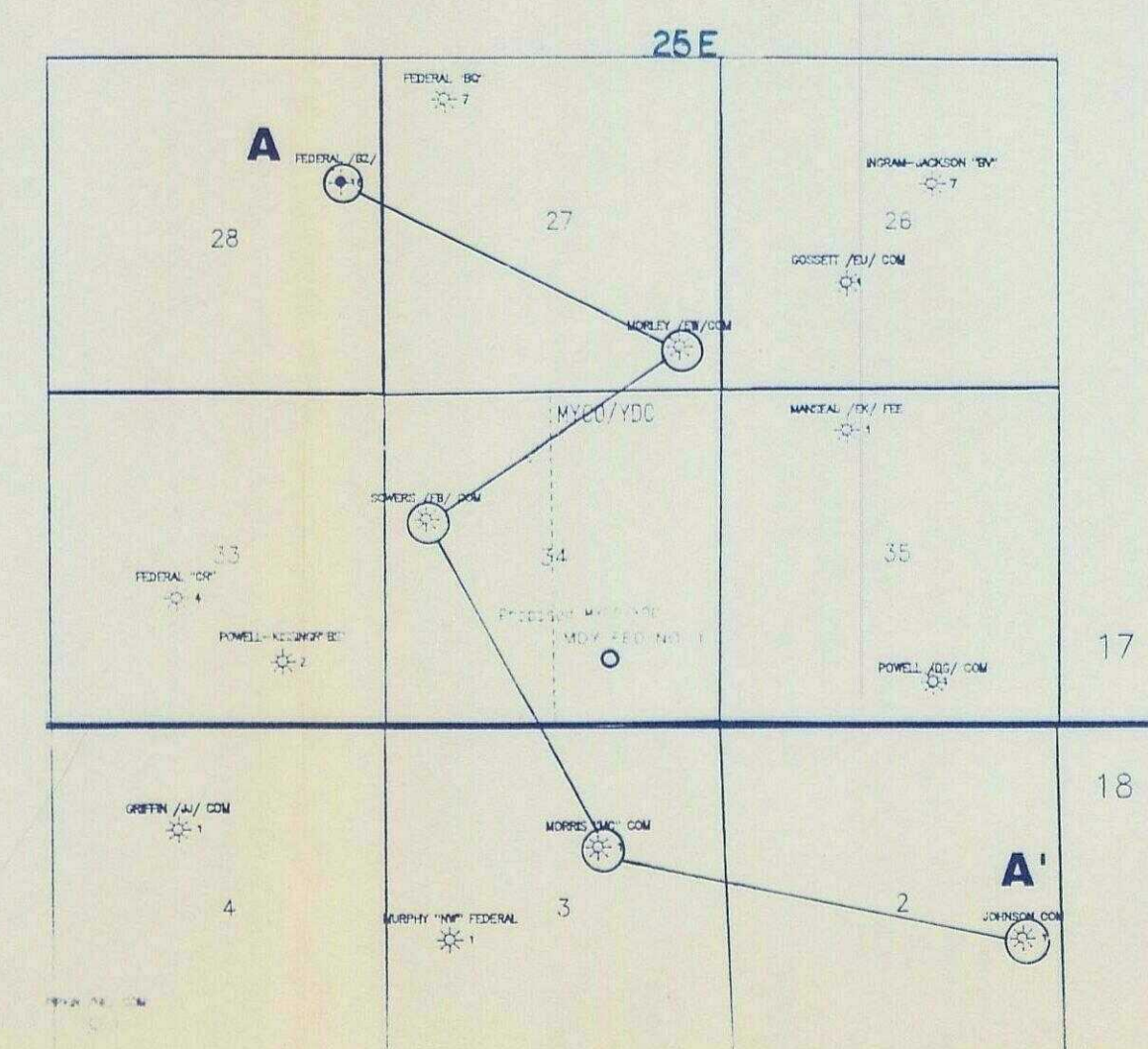


FIGURE NO. 4

EAGLE CREEK PERMO-PENN FIELD
Eddy County, New Mexico

NW-SE STRATIGRAPHIC SECTION
OF
CISCO CARBONATE BANK

Scale: Vertical - 1" = 40'
Horizontal - Variable

Geologist: L. J. Lammers
Date: 11-93