

**PROPOSED BODDINGTON FEDERAL UNIT
STRATIGRAPHIC CROSS SECTION A-A'
DATUM TOP LOWER MORROW
EDDY COUNTY, NEW MEXICO
EXHIBIT NO 4**

30015233090000

A

MESA PETROLEUM CO
BUZZARD FEDERAL COM 1
2310 FSL/1980 FWL
TWP: 20 S - Range: 23 E - Sec. 17
TD=8690

30015BODDINGTONFEDUNIT2'

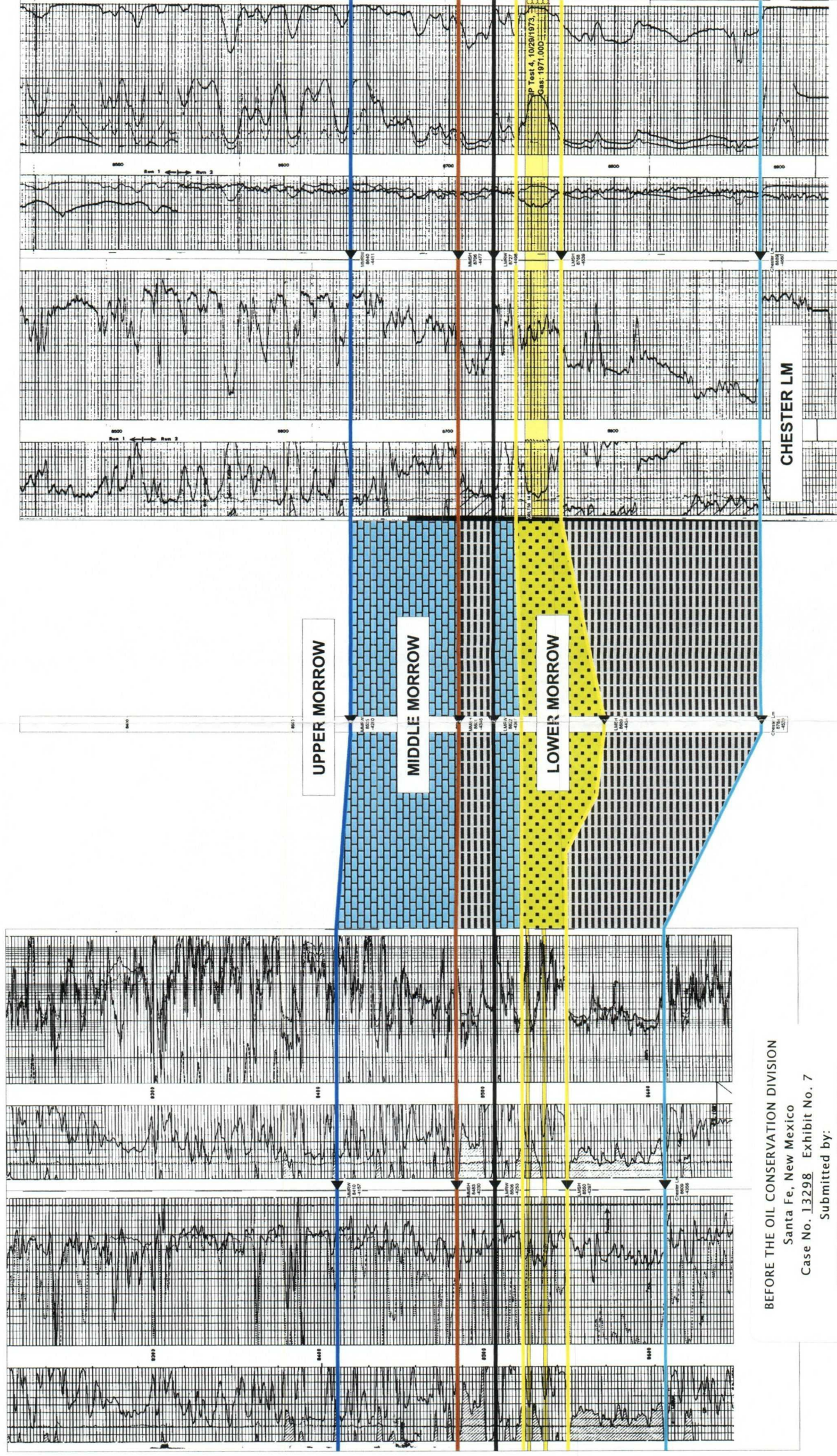
1363 ft

YATES PETROLEUM CORP
BODDINGTON FED UNIT 2
1980FSL/1980FEL
TWP: 20 S - Range: 23 E - Sec. 17
TD=8800

30015209490000

17167 π

DEAN CHARLES A
NW INDIAN BASIN UNI 1X
2030 FSL/1980 FWL
TWP: 20 S - Range: 23 E - Sec. 28
Cum Gas All Zones: 149042 MCF
TD=8936



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 13298 Exhibit No. 7
Submitted by:
YATES PETROLEUM CORPORATION
Hearing Date: July 8, 2004