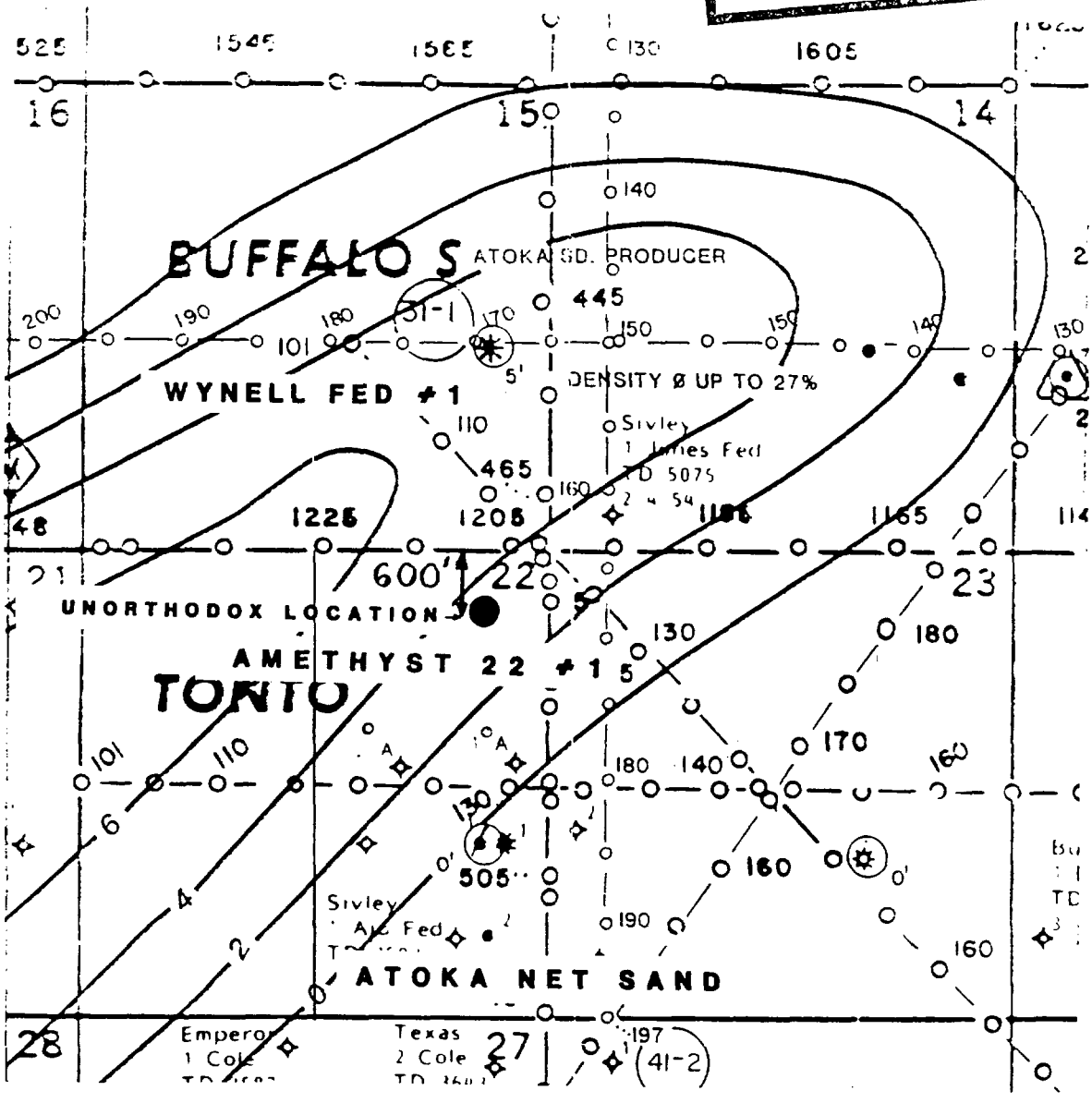
ALLOWABLE CALCULATION BY DISTANCE AND PRODUCTIVE ACREAGE
AMETHYST 22 #1 - UNORTHODOX LOCATION
STATE OF NEW MEXICO OIL CONSERVATION DIVISION
CASE NO. 9796
HEARING DATE: NOVEMBER 15, 1989
MEC EXHIBIT NO.

DIVISION EXAMINER
CONSERVATION DIVISION
Mitchell EXHIBIT NO. 12
CASE NO. 9796



Based on the net sand isopach, the east half of section 22 contains 221 productive acres out of the total 320 acres. The proposed location is 600 feet from the north line instead of the required 1980 feet. The combined allowable factor is as follows:

$$\frac{221}{320} \times \frac{600}{1980} = 0.209$$

Recommended penalty equals (1 - .209)X100 = 79%