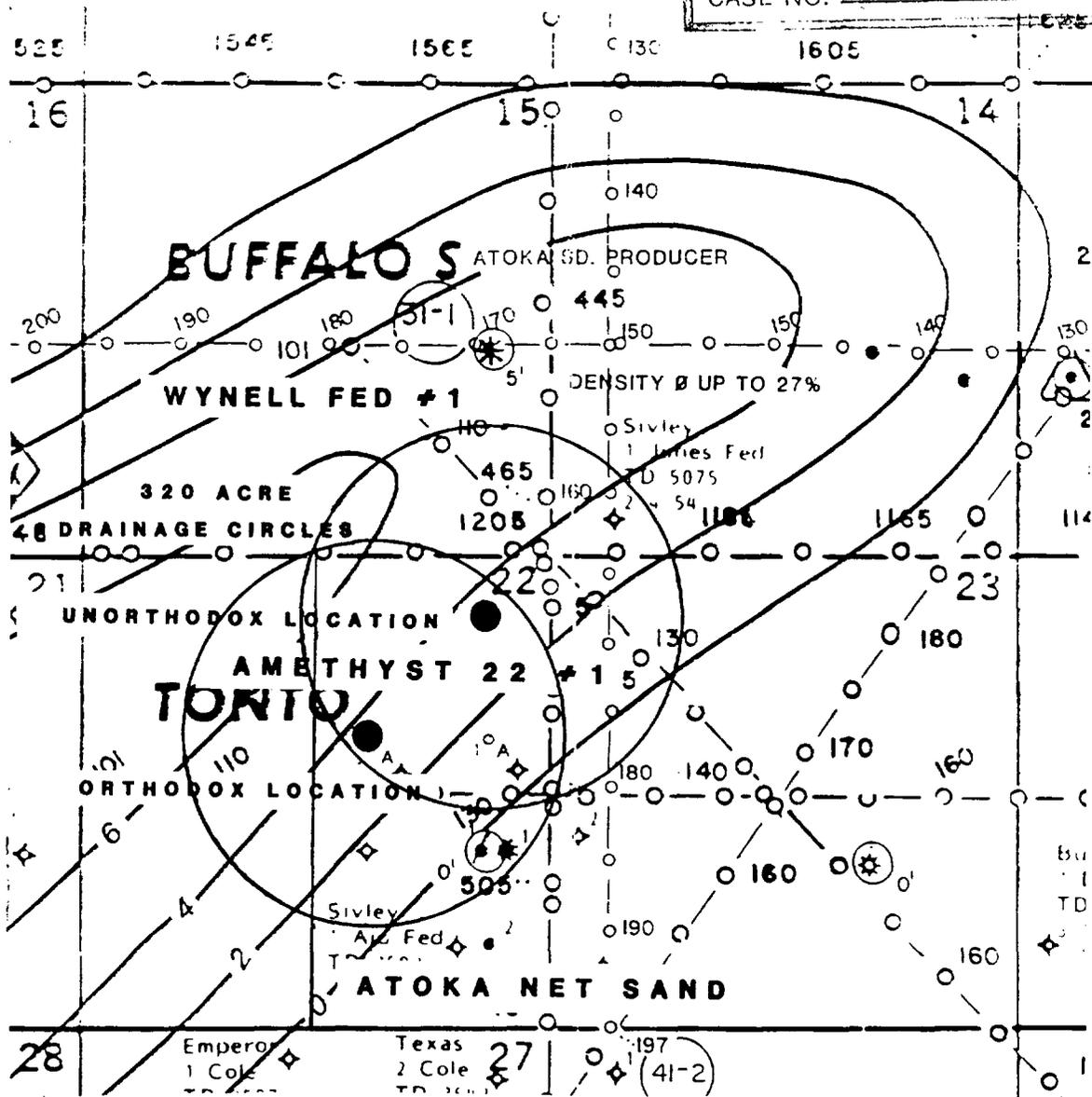


VOLUMETRIC RESERVE CALCULATIONS
AMETHYST 22 #1 - UNORTHODOX LOCATION BEFORE EXAMINER
WILDCAT ATOKA FIELD
STATE OF NEW MEXICO OIL CONSERVATION DIVISION
CASE NO. 9796
HEARING DATE: NOVEMBER 15, 1989 *M. Mitchell* EXHIBIT NO. 8
MEC EXHIBIT NO.

CASE NO. 9796



Recoverable gas-in-place, RGIP = 1358 MCF/ACFT X ACFT

	E 1/2 SECT 22		TOTAL		% FROM
	ACFT	RGIP, BCF	ACFT	RGIP, BCF	E 1/2 SECT 22
Unorthodox Location	4311	0.59	1024	1.39	42%
Orthodox Location	544	0.74	1131	1.54	48%

Conclusion: For Atoka Prospect orthodox location is better because Atoka reserves are greater and a greater percentage comes from the east half of Section 22.