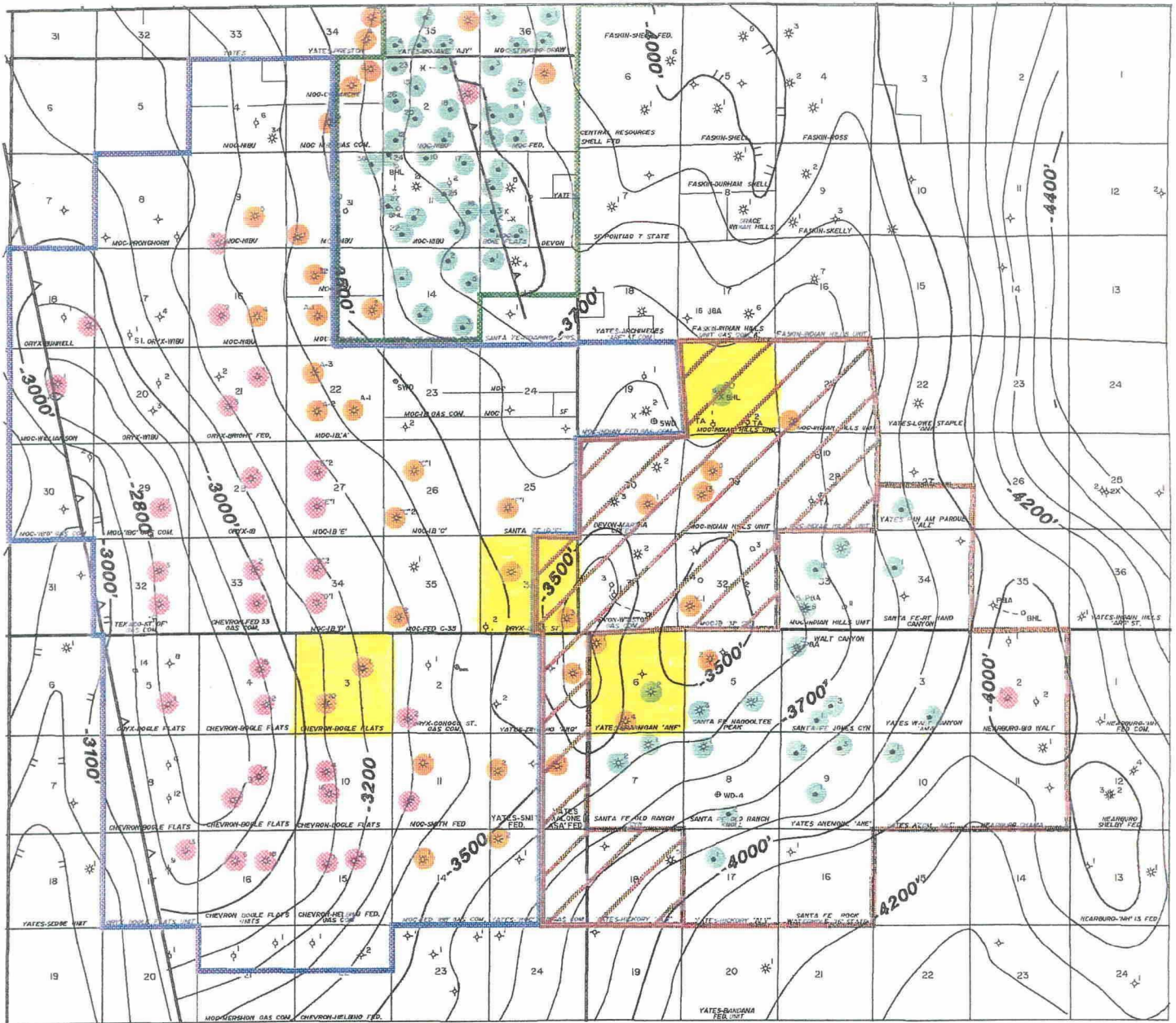


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- INDIAN BASIN-UPPER PENN GAS POOL
- PORTION OF SOUTH DAGGER DRAW-UPPER PENN ASSOCIATED POOL
- INDIAN BASIN-UPPER PENN ASSOCIATED POOL
- PROPOSED EXTENSION ASSOCIATED POOL

UPPER PENN PRODUCTION

- GAS-FLOWING
- GAS-ARTIFICIAL LIFT
- OIL/GAS/WATER-ARTIFICIAL LIFT

MARATHON OIL COMPANY	MID-CONTINENT REGION
INDIAN BASIN FIELD AREA	
EDDY COUNTY, NEW MEXICO	
T/CISCO CARBONATE STRUCTURE MAP	
(MEMBER IN THE UPPER PENN) C.L. 100'	
ORIGINAL SCALE: 1" = 2000'	DATE: 7/96
AUTHOR: D.COX	REVISED: 3/98
DRAFTED BY:	FILE LOC: I8FBAT.BMP
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BEFORE THE OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO
MARATHON OIL CO. EXHIBIT NO. 13
CASE NO. 12006
JULY 9, 1998