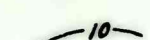




EXPLANATION

-  LINE OF EQUAL PROJECTED DRAWDOWN, IN FEET--
Contour interval is variable.
-  OUTCROP AREA--Shows Jurassic rocks (Layers 1 and 3),
Gallup Sandstone (Layer 5), and Mesaverde Group
above the Gallup Sandstone (Layers 6 and 7).
-  AREA WHERE DRAWDOWNS MAY CAUSE AQUIFER
CONDITIONS TO CHANGE FROM CONFINED TO
UNCONFINED (EFFECTIVELY INCREASING STORAGE
BY A FACTOR OF 1000) AND DECREASE THE RATE
OF DRAWDOWN.

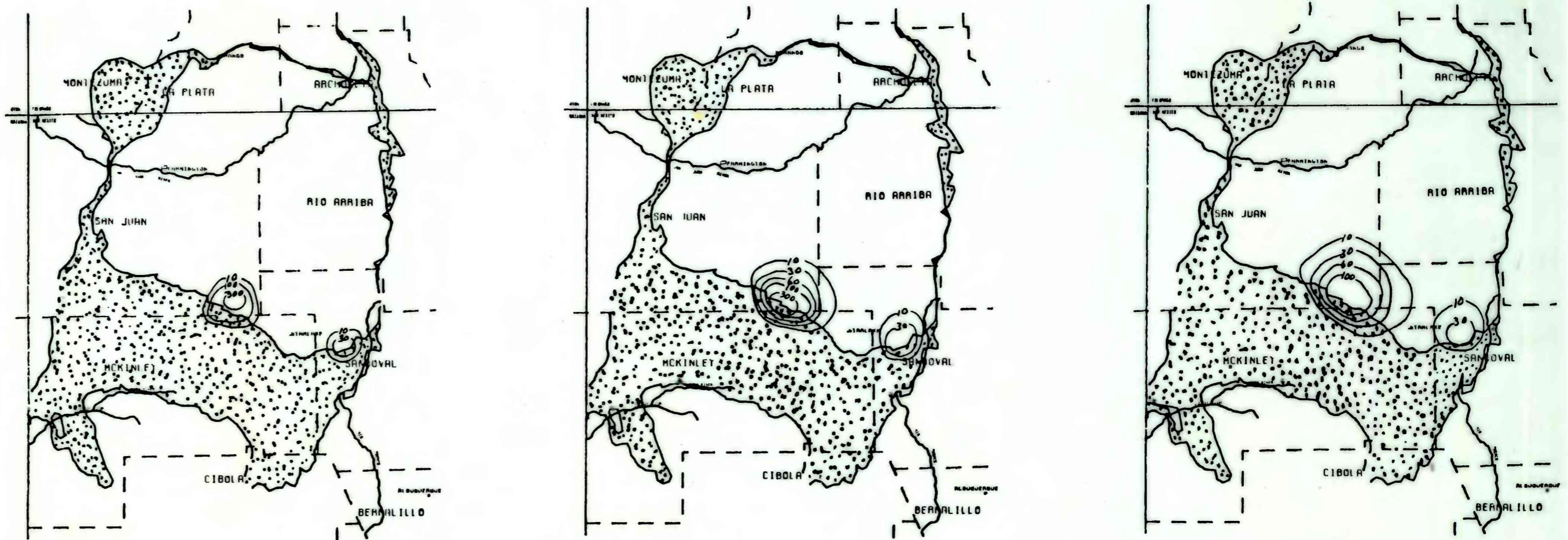
0 20 40 MILES
0 20 40 KILOMETERS
SCALE

2000

2020

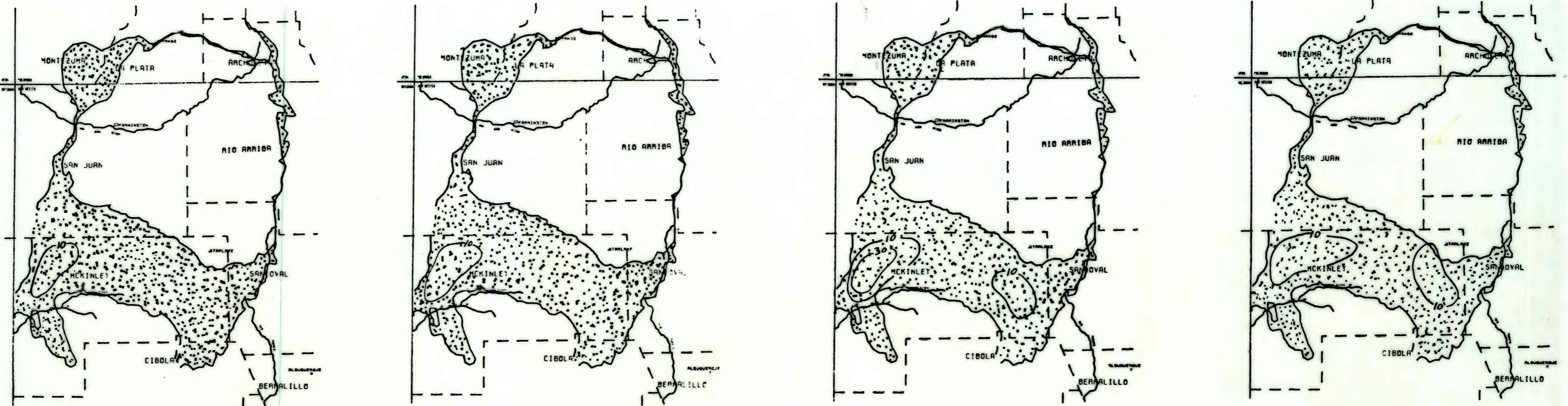
2040

UPPER PART OF MESAVERDE GROUP
(LAYER 7)

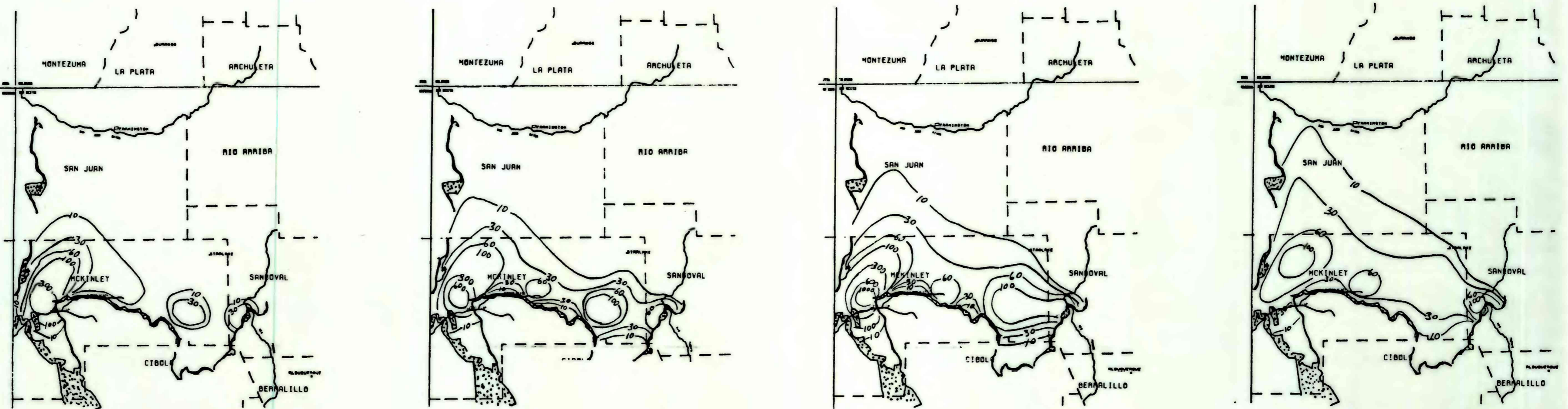


1987

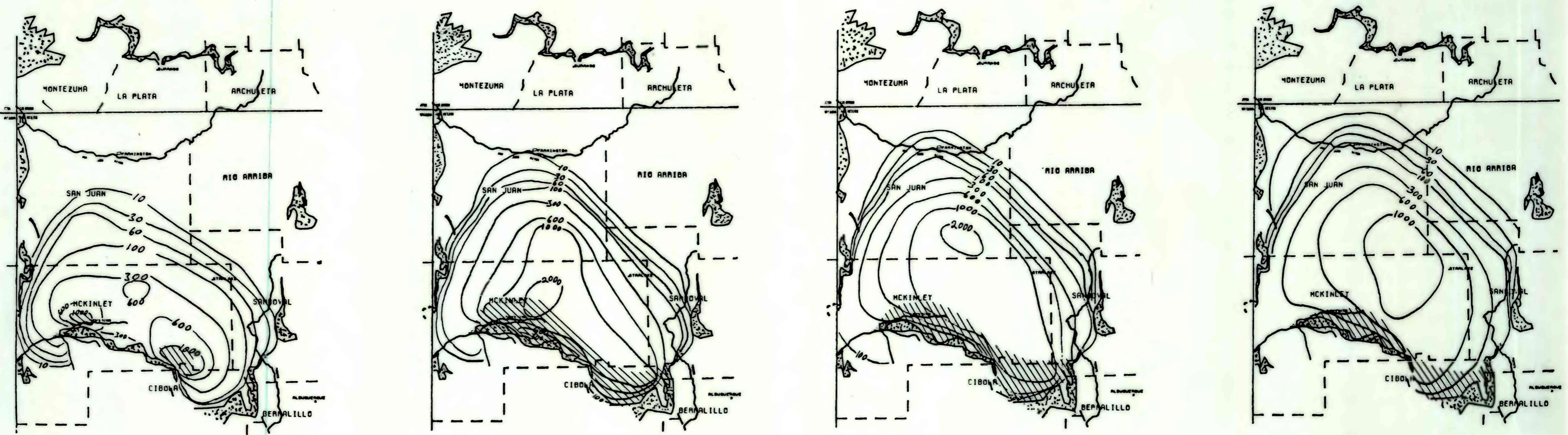
MIDDLE PART OF MESAVERDE GROUP
(LAYER 6)



GALLUP SANDSTONE
(LAYER 5)



WESTWATER CANYON MEMBER
OF MORRISON FORMATION
(LAYER 3)



ENTRADA SANDSTONE
(LAYER 1)

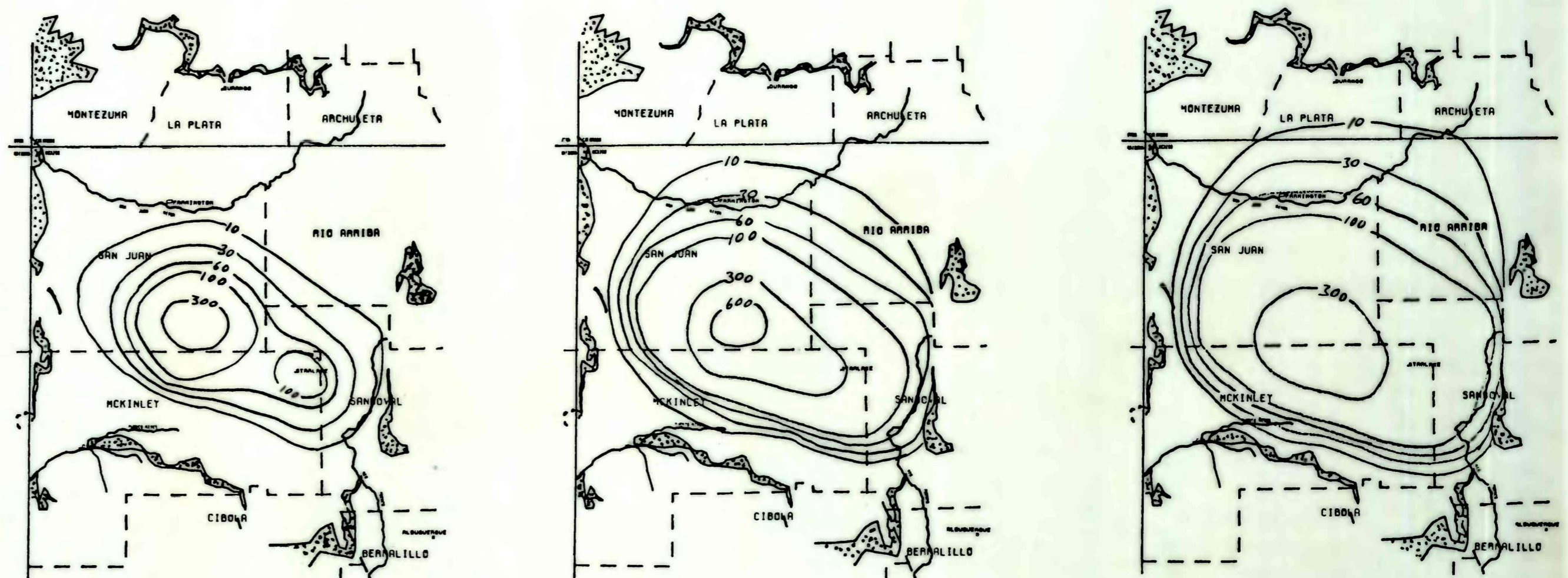


Plate 1.--Projected drawdowns for Alternative 1 - minimum coal development.