

13, 11  
15, 11

1128

LA-6737-MAP

UC-1466a

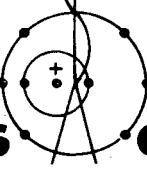
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## Residual Bouguer Gravity Anomaly Map of Northern New Mexico

by

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
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RESIDUAL BOUGUER GRAVITY ANOMALY  
MAP OF  
NORTHERN NEW MEXICO

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DIGITRAPH COMPUTER SYSTEMS CO.  
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SCALE 1:500,000

10 0 20 30 40 MILES  
10 0 20 30 40 50 KILOMETERS

LAMBERT CONFORMAL CONIC PROJECTION  
STANDARD PARALLELS 33° AND 45°  
CONTOUR INTERVAL 5 MILLIGALS

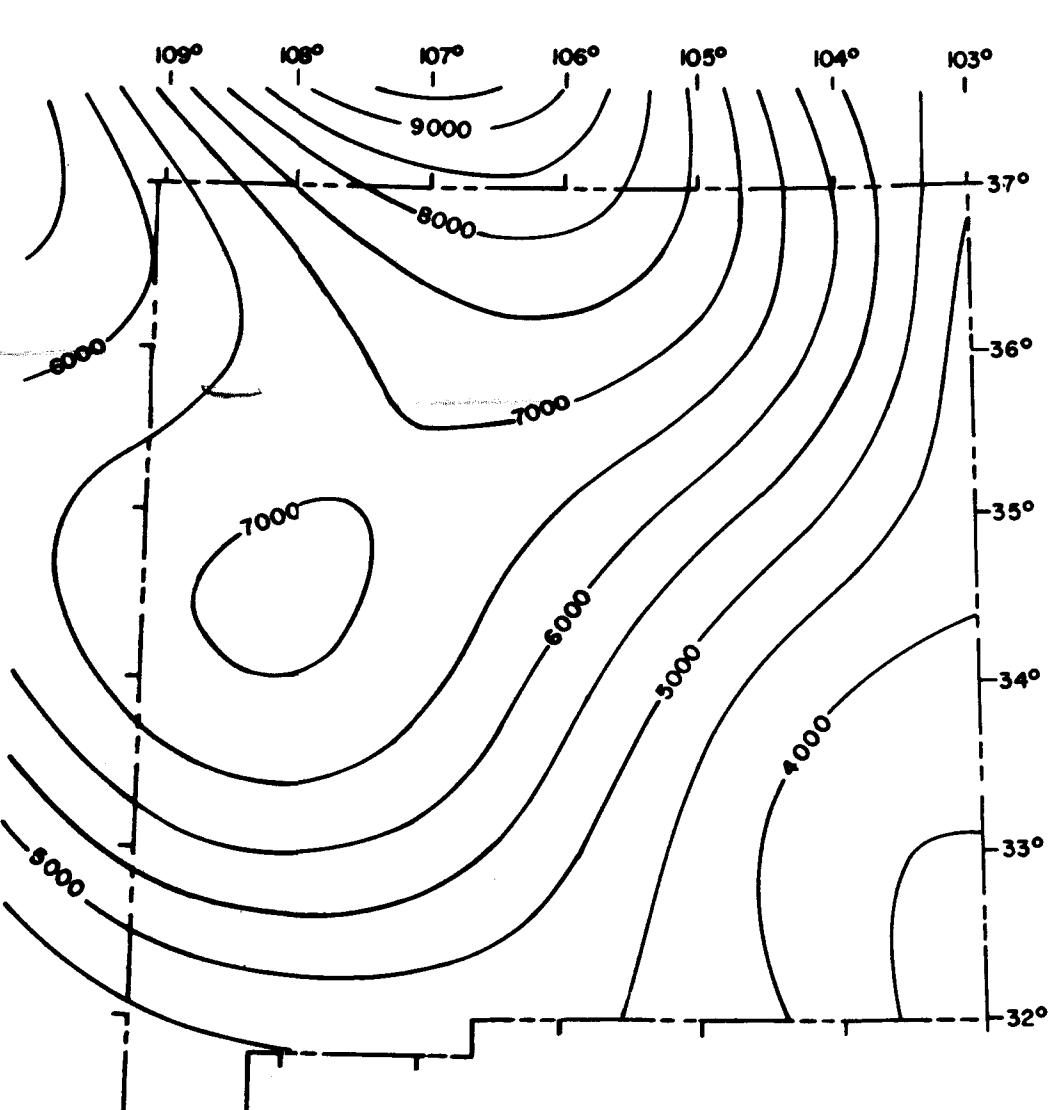
EXPLANATION

COMPUTER CONTOURED FROM EQUIDISTANT GRID AND BICUBIC SPLINE INTERPOLATED SURFACE. BOUGUER GRAVITY ANOMALY CORRECTION APPLIED IS

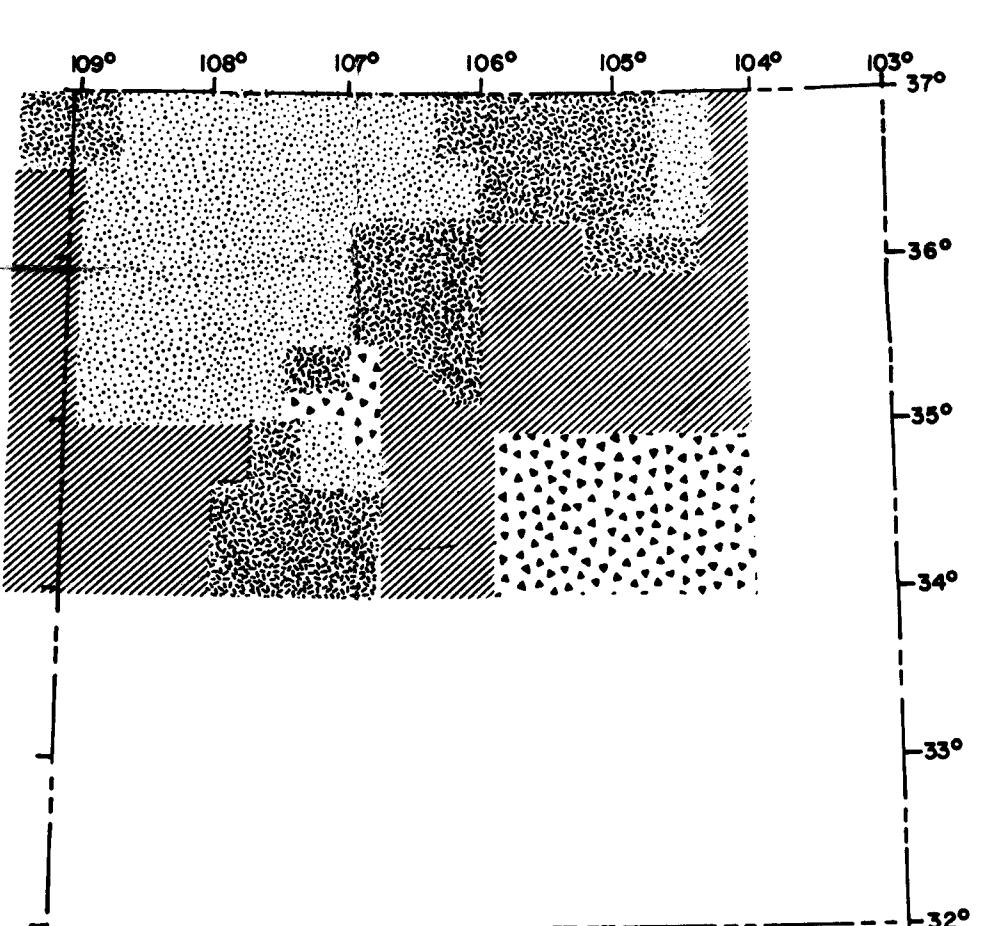
$$S_{BC} = (0.034) \times (\text{elevation} - \text{regional elevation})$$

WITH DENSITY 2.67 g/cc.

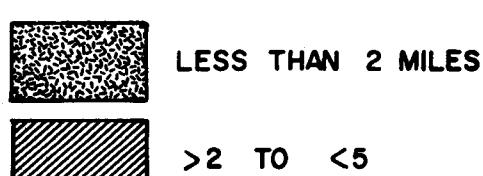
MAP CONSTRUCTED UNDER CONTRACT TO LOS ALAMOS SCIENTIFIC LABORATORY OF THE UNIVERSITY OF CALIFORNIA.



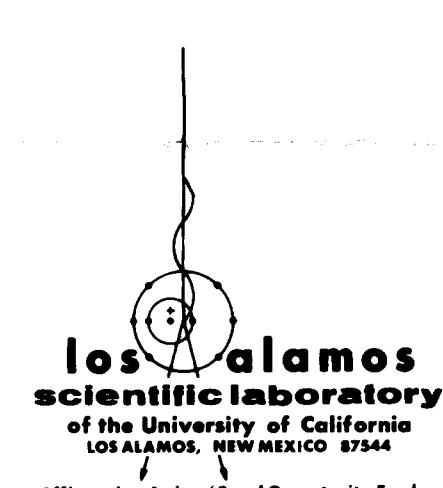
REGIONAL ELEVATION USED AS BOUGUER REDUCTION DATUM  
CONTOUR INTERVAL = 500 FEET



STATION INTERVALS



LESS THAN 2 MILES  
2 TO < 10  
> 10 MILES



LA-6737 - MAP  
UC-11  
ISSUED: MARCH-1977

Data Sources:  
DOD Gravity Library  
U.S. Air Force  
Oil and Mining Companies