



EXPLANATION

SYMBOLS USED ON MAP

- Well drilled for oil or gas
- Well drilled for oil or gas
- Name of company shown above well. Number and lease shown below well. Altitude at base of Ojo Alamo sandstone shown below lease number
- Structure contours
- Contour lines connect points of equal altitude at the base of the Ojo Alamo sandstone. Contour interval is 100 feet, except near eastern edge of the area where the interval is 500 feet. Dashed where approximately located
- Axis of anticline. Axis of anticlinal bend. Arrowhead on axis denotes direction of plunge. Dashed where approximately located
- Axis of syncline. Axis of synclinal bend. Arrowhead on axis denotes direction of plunge. Dashed where approximately located
- Fault
- Symbol (A) denotes downthrown side. Arrows (S) indicate relative horizontal displacement. Dashed where approximately located, dated where concealed
- Outcrop of Ojo Alamo sandstone
- Line of correlation diagram

LIST OF NAMES OF COMPANIES AND INDEPENDENT DRILLERS CORRESPONDING TO ABBREVIATED NAMES SHOWN WITH SYMBOLS OF WELLS DRILLED FOR OIL AND GAS

- Oscar and Mike Abraham
- Amerasia Petroleum Corporation
- Ken Blackford
- Benson-Martin and Greer
- Brinkerhoff Drilling Company
- A.N. Brown
- Clark and Cowden Production Company
- Cyprus Oil Company
- Delhi Oil Corporation
- El Paso Natural Gas Company
- Joe D. Ferris
- D.E. Florence
- Garret and Egan
- Gulf Oil Corporation
- Gunsight Butte Uranium Corporation
- J.D. Hancock
- J.J. Harris
- Honolulu Oil Corporation
- Humble Oil and Refining Company
- Lowry and others
- Magnolia Petroleum Company
- Northwest Production Company
- Ohio Oil Company
- Pan American Petroleum Corporation
- Pure Oil Company
- R. and G. Drilling Company
- Reading and Bates, Incorporated
- Reynolds Mining Corporation
- Royal Development, Incorporated
- Caswell Silver
- San Juan Gas Corporation
- Shell Oil Company
- Sinclair Oil and Gas Company
- Skelly Oil Company
- Lloyd Smith, Incorporated
- Southern Union Gas Company
- Spurrer and Bigbee
- Stranahan Oil and Gas Company
- Sun Oil Company
- Superior Oil Company
- Fred Turner, Jr.
- U.S. Smelting, Refining and Mining Company

Base map compiled from U.S. Geological Survey topographic quadrangle maps, New Mexico State Highway Commission Planning Survey quadrangle maps, and Resources Map of the Jicarilla Indian Reservation (1957). Compiled by E.H. Baltz.

Figure 4.--Structure contour map of the east-central part of the San Juan Basin, New Mexico