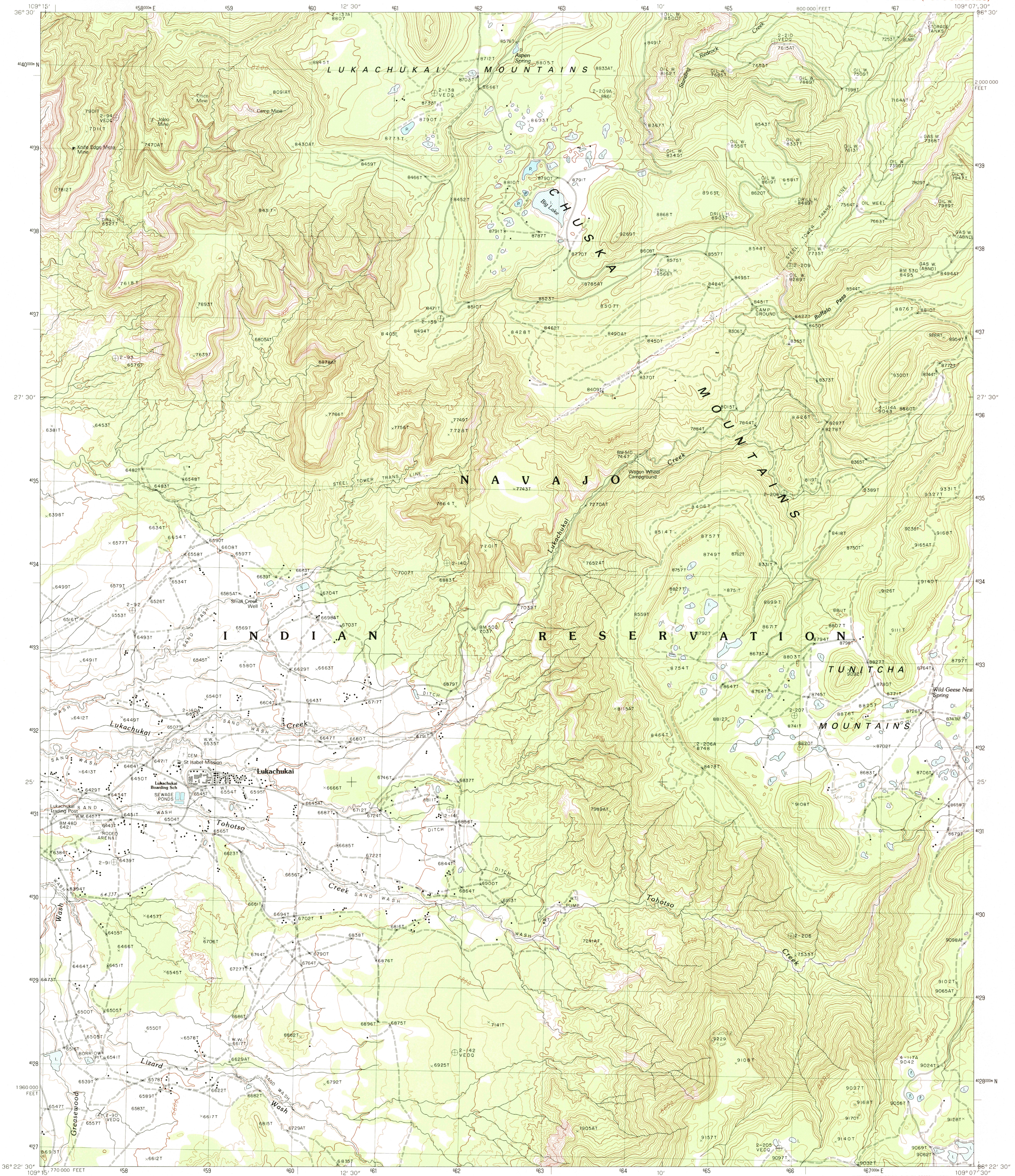




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976  
FIELD CHECKED 1978 MAP EDITED 1982  
PROJECTION TRANSVERSE MERCATOR  
GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR, ZONE 12  
10,000-FOOT STATE GRID TICKS ARIZONA, EAST ZONE  
UTM GRID DECLINATION 1905 EAST  
1980 MAGNETIC NORTH DECLINATION 13 EAST  
VERTICAL DATUM NATIONAL GEODETTIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(2 meters north and 59 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map  
Land lines have not been established in this area

PROVISIONAL MAP  
Produced from original  
manuscript drawings. Informa-  
tion shown as of date of  
field check

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048

SCALE 1:24 000  
1 MILE  
1 KILOMETER

CONTOUR INTERVAL 40 FEET



QUADRANGLE LOCATION

|   |   |                      |                    |
|---|---|----------------------|--------------------|
| 1 | 2 | 3                    | 1 Mexican Cry Mesa |
| 4 | 5 | 2 Red Rock           |                    |
| 6 | 7 | 3 Red Bug Butte      |                    |
|   |   | 4 Red Cornfield Mesa |                    |
|   |   | 5 Tsalle             |                    |
|   |   | 6 Tsalle Butte       |                    |

ADJOINING 7.5 QUADRANGLE NAMES

ROAD LEGEND

- Improved Road.....  
Unimproved Road.....  
Trail.....  
Interstate Route.....  
U.S. Route.....  
State Route.....

LUKACHUKAI, ARIZONA  
PROVISIONAL EDITION 1982  
36109-D2-TM-024

2050