DEVELOPMENT PLAN FOR SURFACE USE

1. Existing roads, location, exit from the main highway and main access road in vicinity of location are shown on map #1.

2. There will be no need of further access roads. There are existing roads throughout the flat top of sections #22 and #23.

3. Location of existing wells are shown on map #1.

4. Lateral roads are also shown on map #1.

5. Location of tank batteries and flow lines are shown on map #2. The proposed tank battery and the proposed flow line shown on the map will be used if the well is successful. Also if other wells are drilled and are successful the same battery and flow lines will be used.

6. This well will not be drilled with mud and therefore a very small amount of water will be used. Only small amounts are needed to cement surface and hopefully a production casing string, this water will be hauled in trucks from town or from the Chaco River. No water lines will be needed.

7. The handling of waste, cuttings, garbage, trash and etc. will be disposed of in two 2½' X 12' X 8' pits shown on the plot #1 which shows the location and layout for point number 10. Each pit is at the end of the blewey lines to catch the cuttings and when the drilling is done these pits will be leveled and covered with the same top soil that was removed from them.

8. No camp will be used.

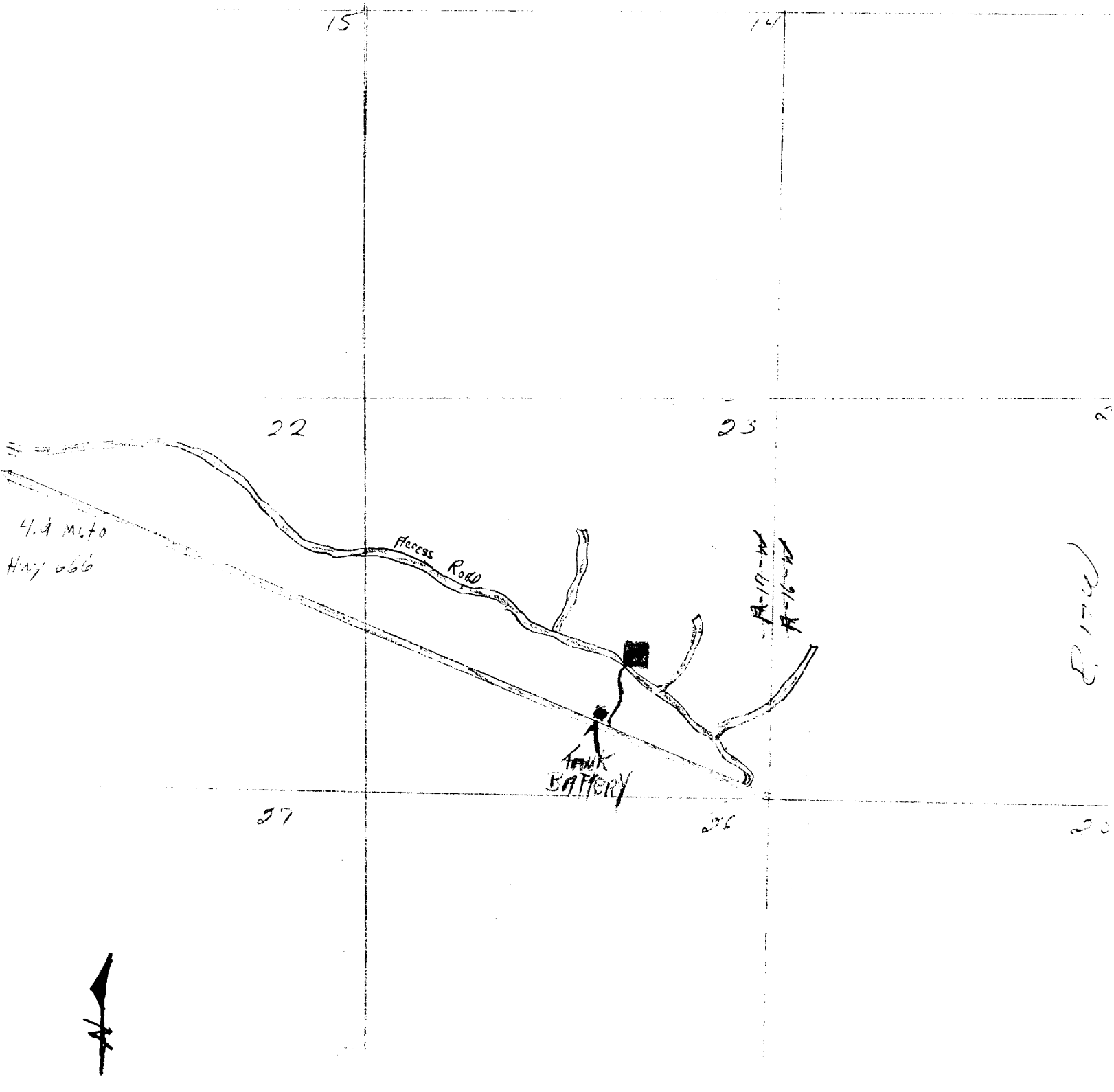
9. No airstrip will be used.

10. Location and layout is shown on plot #1. The location will not be compacted, except what accures with normal traffic and use.

11. Plans for restoring are shown on map #3. The entire location will be leveled and reseeded if the well is dry. The area needed for a location is shown on map #3 is enclosed in red. The area needed if the well is successful is shown in red hashes, also the area to be restored and reseeded if the well is successful is shown in green hashes. The top soil will be left at each end of the cutting and waste pits to be used again in covering the waste and re-seeding. The seed required for this area and mixture needed will be used to reseed.

12. The area is covered with gravel and very little vegitation. No leveling will be necessary for the location.

Map #2



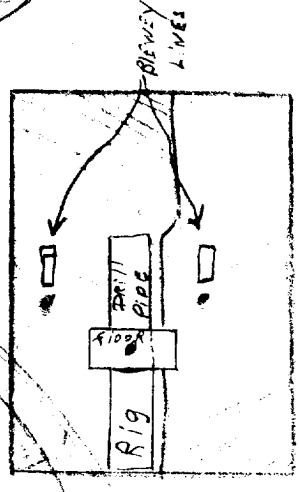
Map #3

CHACO RIVER

HOG BACK

ACCESS ROAD

ACCESS ROAD

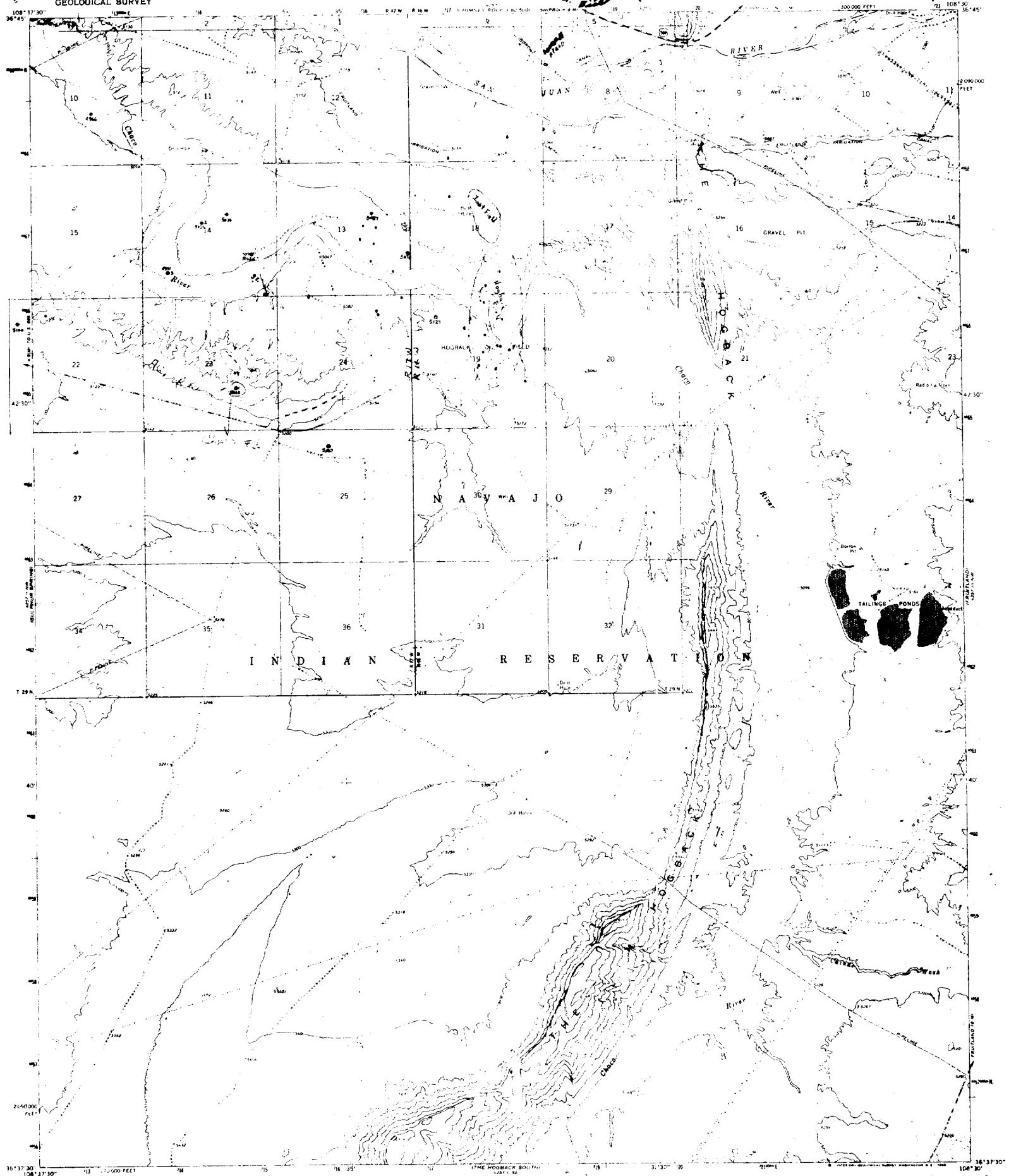


- AREA NEEDED IF Well is Successful
- area to be reseeded if well is successful
- cutting & waste pits - w- stockpile topsoil
- proposed LOCATION

Local [illegible] Sulphur Spring Quad at this time.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THE HOGBACK NORTH QUADRANGLE
NEW MEXICO - SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

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Topography by photogrammetric methods from aerial photographs taken 1965. Field checked 1966

Polyconic projection. 1927 North American datum

10,000-foot grid based on New Mexico coordinate system, west zone

1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Where omitted, land lines have not been established

Dotted land lines established by Bureau of Indian Affairs survey

SCALE 1:24000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Medium duty ——— Light duty ———

Unimproved dirt - - - - - -

U.S. Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

THE HOGBACK NORTH, N. MEX.

1966