

## SURFACE USE PLAN

GENERAL AMERICAN OIL COMPANY OF TEXAS WELL: Maddren "E" #2

LEASE: LC-028936-e EDDY COUNTY, NEW MEXICO

The subject well is located approximately 25-1/2 miles East of Artesia, New Mexico on the South side of U. S. Highway 82. The following is a discussion of pertinent information concerning possible effect, which the proposed drilling of the well may have on the environment, of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and sub-contractors will be aware of all items of this plan.

1. AERIAL ROAD MAP - Exhibit "A" is a portion of the Artesia Quadrangle Map #106 and Maljamar Quadrangle Map #107 showing well site in relation to U. S. Highway 82. Access road, which is shown on Exhibit "B" and colored in red, exits the highway about 25 miles East of Artesia, New Mexico.
2. LOCATION OF EXISTING WELLS - The location of existing wells in the immediate area of the proposed well is shown on Exhibit "B".
3. PROPOSED WELL MAT AND IMMEDIATE AREA - Refer to Exhibit "C" for direction orientation and road access.
  - a. MAT SIZE - 140' X 180'.
  - b. SURFACED - Will be topped with 6" of caliche, bladed, watered and compacted. Caliche to be purchased from B.L. M. by dirt contractor.
  - c. RESERVE PIT - 60' X 70' pit unlined, joining mat to the North.
  - d. CUT & FILL - Location is basically flat except for small sand dunes. No fill will be needed except existing sand dunes leveled and topped with caliche.
  - e. DRILL SITE LAYOUT - Exhibit "C" shows the location and layout including position of the Rig, Mud Tanks, Reserve Pits, Pipe Racks and etc. The Rig will be erected with the V-Door to the East.
  - f. SETTING AND ENVIRONMENT
    - (1) Terrain - Low rolling sand hills.
    - (2) Soil - Sandy soil.
    - (3) Vegetation - Sparse vegetation, being mostly mesquite, shennery, weeds and other semi-desert plants, with some grass.
    - (4) Surface Use - Grazing.
    - (5) Other - Drillsite - which is in sandy semi-arid desert country, is in a low environment risk area. The total effect of drilling and production this and other wells in this area would be very minimal.
  - g. DISTANCES TO
    - (1) Ponds and Streams - There are no surface waters within 3 miles.
    - (2) Water Wells - There are no water wells within 1/2 mile.
    - (3) Residences and Buildings - There are no residences or buildings within 1/2 mile.
    - (4) Arroyos, Canyons, Hills and Etc. - Outside of small sand dunes there are no surface features.
  - h. WELL SIGN - Sign indentifying and locating proposed well will be maintained at the drill site commencing with the spudding of the well.
  - i. OPEN PITS - All pits containing mud or other liquids will be guarded.
4. ROADS
  - a. EXISTING ROADS - All existing roads within the immediate area of well site are shown on Exhibit "B" and are colored yellow.