

SURFACE USE PLAN
COTTON PETROLEUM CORPORATION
FEDERAL 11 #1

~~1980~~ FS&WL, Sec. 11, T-19-S, R-25-E
Lease NM, Eddy County, New Mexico

1880' FSL & 1980' FWL

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JUL 13 1979
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

This plan is submitted with an Application For Permit To Drill the above captioned well. The purpose of the plan is to describe the location of the proposed well, proposed construction activity, operational plans, magnitude of necessary surface disturbance involved and procedures to be followed in rehabilitating the surface after completion of the operations so a complete appraisal can be made of the environmental affect associated with the entire operation.

1. Existing Roads - Exhibit "A" is a map of the general area showing existing roads to be used while drilling, completing and operating the proposed well. Travel south from Artesia 12 miles on paved highway #285, turn west on county road (dirt) and go 4 miles. Turn north on ranch road and travel 3/4 mile and turn east and proceed for 1/4 mile where ranch road turns N. Proceed .3 mile and ranch road Ys. Take right turn going northeasterly and proceed another .3 mile to a point within 400' of the SE corner of the pad. The ranch road is of packed native loam dirt, 12' or more in width, ditching is on each side and only minor grading will be required. A draw exists in the NW/4 section 14 which will be upgraded by the installation of 10" or more of packed caliche for proper dip and overflow.
2. Planned Access Road- Exhibit "B" shows the required access road. It will be 400' long and 12' wide and the center line has been staked by the surveyor to the SE corner of the location pad. This 400' proposed road will be surfaced with 6" of compacted caliche as well as the preceeding 4485' of ranch road from the point it Ys and turns northeasterly. No gates or cattlegaurds or fence cuts will be necessary, although three cattlegaurds are already installed on the ranch road.
3. Location of Existing Wells - Exhibit "C" shows existing wells in the area.
4. Location of Existing And Proposed Facilities - There are no tank batteries, production facilities or pipe lines on the lease. In case production is found, all required facilities will be located at the south edge of the pad. All flow lines on the well pad will be on top of the ground. Exhibit "D" shows location of proposed facility.
5. Water Supply - Water for drilling the proposed well will be hauled by truck from the nearest commercial water source.
6. Source of Construction Material - Caliche for the road and pad will be obtained by the dirt contractor from existing pits in the area. This material will be hauled over the existing roads and the proposed new roads.