DEVELOPMENT PLAN
JICARILLA APACHE 102 NO. 27
1460' FSL & 1580' FEL, SECTION 10, T-26N, R-4W
RIO ARRIBA COUNTY, NEW MEXICO

The new location will be built in an area adjacent to an existing well. The proposed location has greasewood, Russian thistle and various grasses. The geological name of the surface formation is the Paleozoic San Jose. No new road will be required. No construction materials will be used for building the location; dirt will be leveled at the well site. No cut will be required. Verbal approval of the drill site has been obtained from Mr. Harold Tecube, BIA: Mr. John Keller, USGS; and Mrs. Nancy S. Hewett, Archaeologist.

Arrangements are being made to haul water from Tapacito Wash on existing roads approximately two miles. Drilling fluid to TD will be a low solids non-dispersed mud system. Upon completion the location will be cleaned up and leveled. Drilling mud and water will be hauled away and the reserve pit backfilled. Attached is the seeding plan to be followed for this well.

There are neither airstrips nor camps in the vicinity.

The estimated tops of important geological formations bearing hydrocarbons are:

Formation	Depth	Elevation
Fruitland	3109'	+3705'
Pictured Cliffs	3514'	+3300'

Estimated KB elevation: 6814'

Est. Depth	Csg. Size	Weight	Hole Size	Sacks Cement - Type
250'	8-5/8"	24#	12-1/4"	175 - Class "B", 2% CaCl2.
3700'	4-1/2"	9.5#	6-1/4"	400 - Class "B", 6% Gel, 2# med. Tuf Plug per sx.
				50 - Class "B" Neat.

Amoco's standard blowout prevention will be employed, see attached drawing for blowout preventer design.

Amoco plans to run the following logs from TD to 250': Induction-Electric, Density-Gamma Ray. No cores or Drill Stem Tests will be taken.

In the past, drilling in this area has shown that no abnormal pressure, temperatures or hydrocarbon gas will be encountered.

Our proposed starting date is March 1, 1977, and a two-week operation is anticipated.