SUPPLEMENTAL INFORMATION TO FORM 9-331C

JICARILLA APACHE 102 NO. 14E
1110' FSL & 800' FWL, SECTION 9, T26N, R4W
RIO ARRIBA COUNTY, NEW MEXICO

The geologic name of the surface formation is the Tertiary San Jose.

Estimated tops of important geologic markers and potential water, oil, or gas bearing formations:

FORMATION		DEPTH	ELEVATION
Ojo Alamo		3509'	3627'
Kirtland		3596'	3540'
Fruitland		3696'	3440'
Pictured Cliffs		3829'	3307'
Chacra (if present)		'	'
Mesaverde	Cliff House	4784'	2352'
	Point Lookout	5623'	1513'
Gallup		7192'	- 56'
Dakota		8004'	-868'
TD		8254'	-1118'

Estimated KB elevation: 7136'

Drilling fluid to intermediate point will be a fresh water, low solids non-dispersed mud system. Air or gas will be used to drill to TD. Open hole logging program will include logs from TD to below intermediate casing:

Induction Electric-SP-Gamma Ray
Compensated Formation Density-Compensated Neutron-Gamma Ray

Completion design will be based on these logs. No cores or drill stem tests will be taken.

Operations will commence when permitted and last approximately 4 weeks.

Amoco's standard blowout prevention will be employed (see attached drawing).

In the past, drilling in this area has shown that no abnormal pressures, temperatures, nor hydrogen sulfide gas will be encountered.