Geoscience Consultants, Ltd.

WELL LOGGING FORM

Client NASA Well Number 9

___ ¼ SE ¼ SE ¼ NW ¼ S 35 T 20S R 3E State New Mexico

County Dona Ana Contractor Larjon

Spud Date 4/1/85 Completion Date 4/3/85

Logs Run ___ Logged By MWS

Elevation ___ Spud In (Fm.) Alluvium

Remarks Drilled with versafoam and teflon pipe dope.

Depth	Litho	recov	
			0-10 surface material from road building
10			As above
			Coarse grained, pebble to cobble sized gravel (up to 2")
20			composed primarily of lmst & qrzite, some
			quartz & feldspar & minor volcanics. Minor
30			coarse sand of similar composition towards
			bottom of the section more fragments of lmst
40			and qrtzite indicating an incrase in cobbles &
			boulder size material. Abundance of coarse sand
50			varies locally but 1/2" to 1 1/2" gravel is generally
			ubiquitous throughout interval. Also calcite is present.
60			As above
			As above
70			As above
			As above
80			As above
			As above
90			As above
			As above
100			As above
			As above
110			As above
			The composition of this interval is the same as
120			above but with greatly increased abundance of
			fine grained sand - most of the very fine material
130			is washed from sample & not fairly represented
			in our collected sample - extremely abundant $CaCO_3$
140			in all unwashed samples (as in all holes)
			As above
150			As above
			As above
160			As above
165			Color change from brownish gray to purplish - may
170			be close to contact with volcanic unit- color is
			similar to volcanic sediments in NASA 7 & 8
180			Minor volcanics in sample with lmst and qrtzite (chert and calcite)
			the major components