WELL LOGGING FORM

Geoscience Consultants, Ltd.

Client NASA Well Number NASA-5

NW ¼ SE ¼ SW ¼ ¼ S 36 T 20S R 3E State New Mexico

County Dona Ana Contractor Larjon

Spud Date 3/5/85 Completion Date 3/6/85

Logs Run Logged By MWS

Elevation 4924.92 Spud In (Fm.) Alluvium

Remarks Water & foam used in drilling - teflon pipe dope teflon tape on PVC

Depth	Litho	recov	
			Fine sand to coarse gravel
10			As above
			Coarse sand & gravel, gravel is predominantly dk gray limestone
20			Sand is limestone, quartz, feldspar, gravel ranges up to 1 inch
			As above
30			As above
			As above
40			As above
			As above
50			As above
			As above
60			As above
			As above
70			As above - gravel size cuttings up to 1/4 - 3/8" more sharply fragmented probably from large cobbles & boulders
80			Dk gray limestone cuttings less abundant - med-co grained sand & cuttings (small gravel) mostly quartz & feldspar - probably sandy or
90			conglomeritic unit - yellow brown color
			As above
100			As above though unit appears to have more arkosic nature
			yellowish color (mudstone?)
110			As above
			As above
120			As above - turns reddish near contact with limestone
130			Dk gray limestone
Well TD			As above
140			As above
			As above
150			As above

Easy drilling. Drilled this hole in one day. No surface casing necessary. Approx. penetration rate 20'-25'/hour.