



Client NASA Well Number 7  
1/4 NW 1/4 NW 1/4 SW 1/4 S 2 T 21S R 3E State New Mexico  
 County Dona Ana Contractor Larjon  
 Spud Date 3/26/85 Completion Date 3/28/85  
 Logs Run \_\_\_\_\_ Logged By MWS  
 Elevation \_\_\_\_\_ Spud In (Fm.) Alluvium  
 Remarks Drilling with versafoam and teflon pipe dope.

| Depth   | Litho | RECOV |
|---------|-------|-------|
| 10      |       |       |
| 20      |       |       |
| 30      |       |       |
| 40      |       |       |
| 50      |       |       |
| 60      |       |       |
| 70      |       |       |
| 80      |       |       |
| 90      |       |       |
| 100     |       |       |
| 110     |       |       |
| 120     |       |       |
| 130     |       |       |
| 140     |       |       |
| 150     |       |       |
| 160     |       |       |
| 170     |       |       |
| 175-180 |       |       |
| 180     |       |       |
| 190     |       |       |
| 200     |       |       |
| 210     |       |       |
| 220     |       |       |
| 230     |       |       |
| 233     |       |       |

CO sand to pebble gravel composed primarily of lmst & quartzite  
 Quartz & feldspar present - much of which may be from pond levees  
 As above  
 As above  
 CO sand to pebble size cuttings - finer grained material from  
 lmst, qtzite, quartz feldspar ? - coarser material mostly lmst &  
 qtzite though lmst more prevalent higher up - qtz grains may be  
 weathered from volcanics? - some up-hole contamination also  
 present - appears to be some minor volcanics present with increasing depth.  
 Probably drilling through lmst & qtzite gravels ranging from  
 pebble to cobbles to boulders with some volcanic material present locally  
 As above  
 Generally as above except now a clear presence of volcanic  
 material - latite porphyry ? - lmst & qtzite still the  
 predominant coarse material with abundance of each varying locally  
 As above  
 As above  
 As above  
 As above  
 This 5' interval (140-145) may have a contact with volcanics along with previous  
 type RX also abundance of fine volcanic cuttings (up to 1 cm)  
 Volcanic unit - purple aphanitic ground mass with fine grained  
 phenocrysts - probably k-spar though noted some plagioclase and may  
 be much more (hard to identify with 10X lens) - little quartz  
 Latite porphyry or andesite porphyry ?  
 As above  
 As above with presence of lmst, qtzite, volcanic pebbles up to 1" (rounded-not  
 fragmented) unsure if this is contamination from sample pit (volcanic sediments?)  
 This unit varies with respect to pheno size from aphanitic  
 to 1cm in size  
 As above and same as 175-180  
 AS above  
 As above  
 As above  
 As above this volcanic unit appears to be very competent as the  
 cuttings are generally fine(2mm - 10mm) and uniform - also slow  
 penetration by drillers