



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING  
2450 INDUSTRIAL BLVD. PHONE (303) 243-3044 GRAND JUNCTION, CO 81505

RECEIVED  
AUG 19 1991.

OIL CON. DIV  
DIST. 3

COMPANY PHILLIPS PETROLEUM CO  
WELL SAN JUAN 32-8 #240  
FIELD BASIN FRUITLAND  
ELEVATION GR 6691' DF 6702'  
LOCATION 1718' FSL & 1470' FWL  
SEC 3 T31N R8W  
COUNTY SAN JUAN  
STATE NEW MEXICO  
DRILLING FLUID PRODUCED WATER

FROM TO  
DEPTH LOGGED 3369' 3584'  
DATE LOGGED 7/13/91 7/14/91  
ENGINEERS JACK PALUGA

|  |           |  |          |  |           |  |           |  |           |                         |                     |
|--|-----------|--|----------|--|-----------|--|-----------|--|-----------|-------------------------|---------------------|
|  | SHALE     |  | DOLOMITE |  | COAL      |  | ANHY-GYP  |  | SILTSTONE | DTG - DOWN TIME GAS     | TG - TRIP GAS       |
|  | SANDSTONE |  | CHERT    |  | ANHY-GYP  |  | SILTSTONE |  | SILTSTONE | DST - DRILL STEM TEST   | CG - CONNECTION GAS |
|  | LIMESTONE |  | SALT     |  | SILTSTONE |  | SILTSTONE |  | SILTSTONE | SLM - STEEL LINE MEAS.  | NB - NEW BIT        |
|  |           |  |          |  |           |  |           |  |           | LAT - LOGGED AFTER TRIP | NR - NO RETURNS     |
|  |           |  |          |  |           |  |           |  |           | WOB - WEIGHT ON BIT     | CO - CIRCULATE OUT  |
|  |           |  |          |  |           |  |           |  |           | RPM - REVOLUTIONS/MIN.  | NS - NO SAMPLE      |
|  |           |  |          |  |           |  |           |  |           | SPM - STROKES/MIN.      | RR - RERUN          |
|  |           |  |          |  |           |  |           |  |           | PP - PUMP PRESSURE      | CB - CORE BIT       |
|  |           |  |          |  |           |  |           |  |           | O - DEVIATION           | O - SHOW REPORT     |

