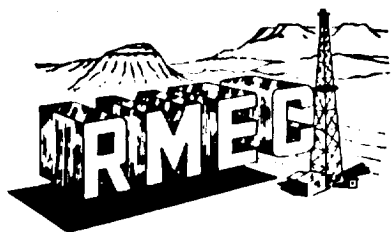


RECEIVED

OCT 17 1991

OIL CON. DIV.
DIST. 3



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

2450 INDUSTRIAL BLVD.

PHONE (303) 243-3044

GRAND JUNCTION, CO 81505

COMPANY PHILLIPS PETROLEUM CO

LOCATION SEC 18 T30N R5W

WELL SAN JUAN 30-5 #207

COUNTY RIO ARRIBA

FIELD BASIN FRUITLAND

STATE NEW MEXICO

ELEVATION GR 6328' DF 6339'

DRILLING FLUID PRODUCED WATER

DEPTH LOGGED

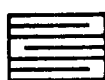
FROM 2990' TO 3154'

DATE LOGGED

9/6/91 9/6/91

ENGINEERS

JACK PALUGA



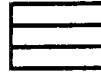
SHALE



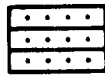
DOLOMITE



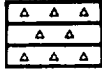
COAL



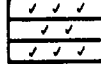
ANHY-GYP



SANDSTONE



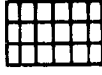
CHERT



SILTSTONE



LIMESTONE



SALT

DTG - DOWN TIME GAS

DST - DRILL STEM TEST

SLM - STEEL LINE MEAS.

LAT - LOGGED AFTER TRIP

WOB - WEIGHT ON BIT

RPM - REVOLUTIONS/MIN.

SPM - STROKES/MIN.

PP - PUMP PRESSURE

O - DEVIATION

TG - TRIP GAS

CG - CONNECTION GAS

NB - NEW BIT

NR - NO RETURNS

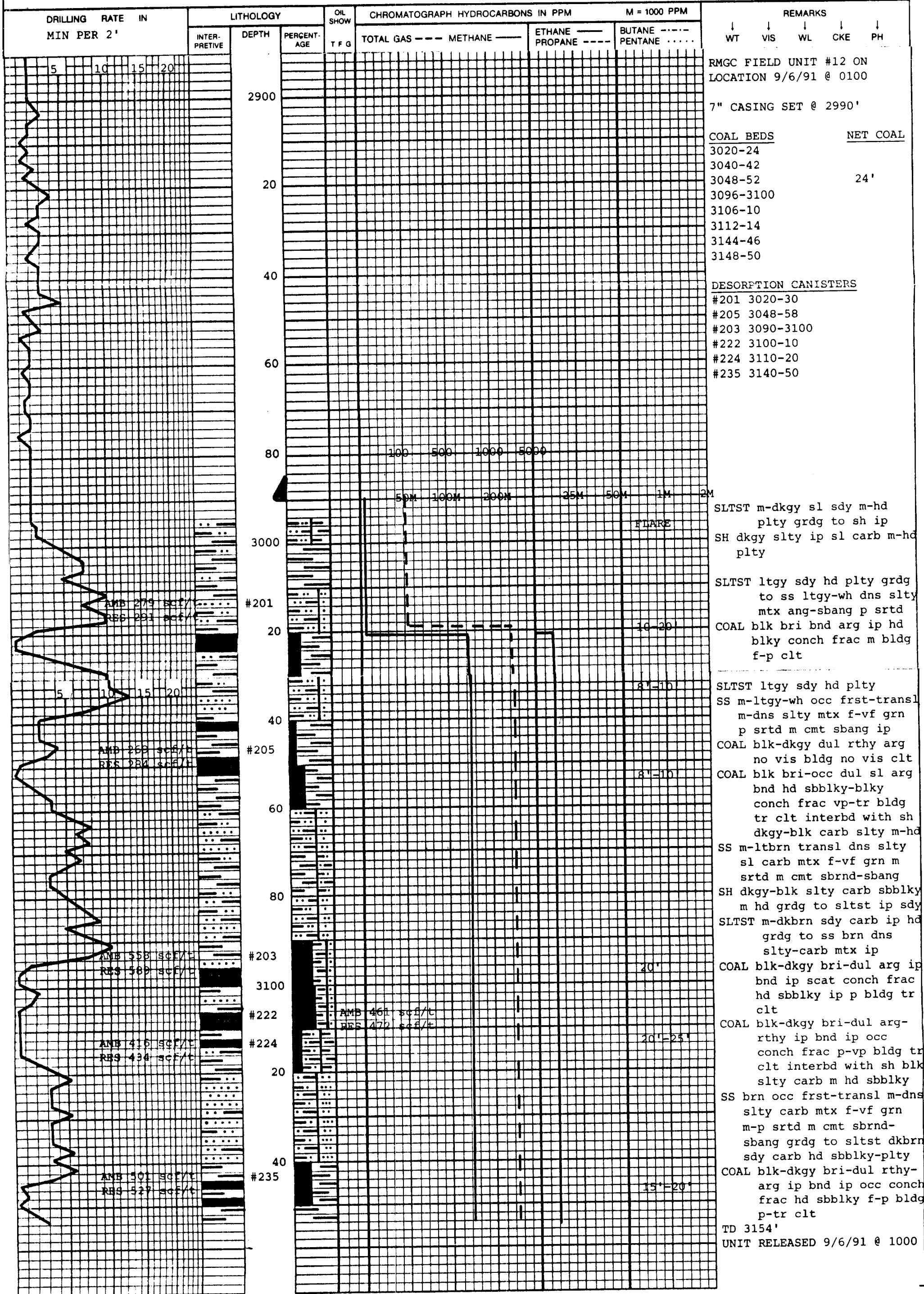
CO - CIRCULATE OUT

NS - NO SAMPLE

RR - RERUN

CB - CORE BIT

O SHOW REPORT



03411111

NO 1010
1111

03411111

NO 1010
1111