

ROCKY MOUNTAIN GEO-ENGINEERING CO.

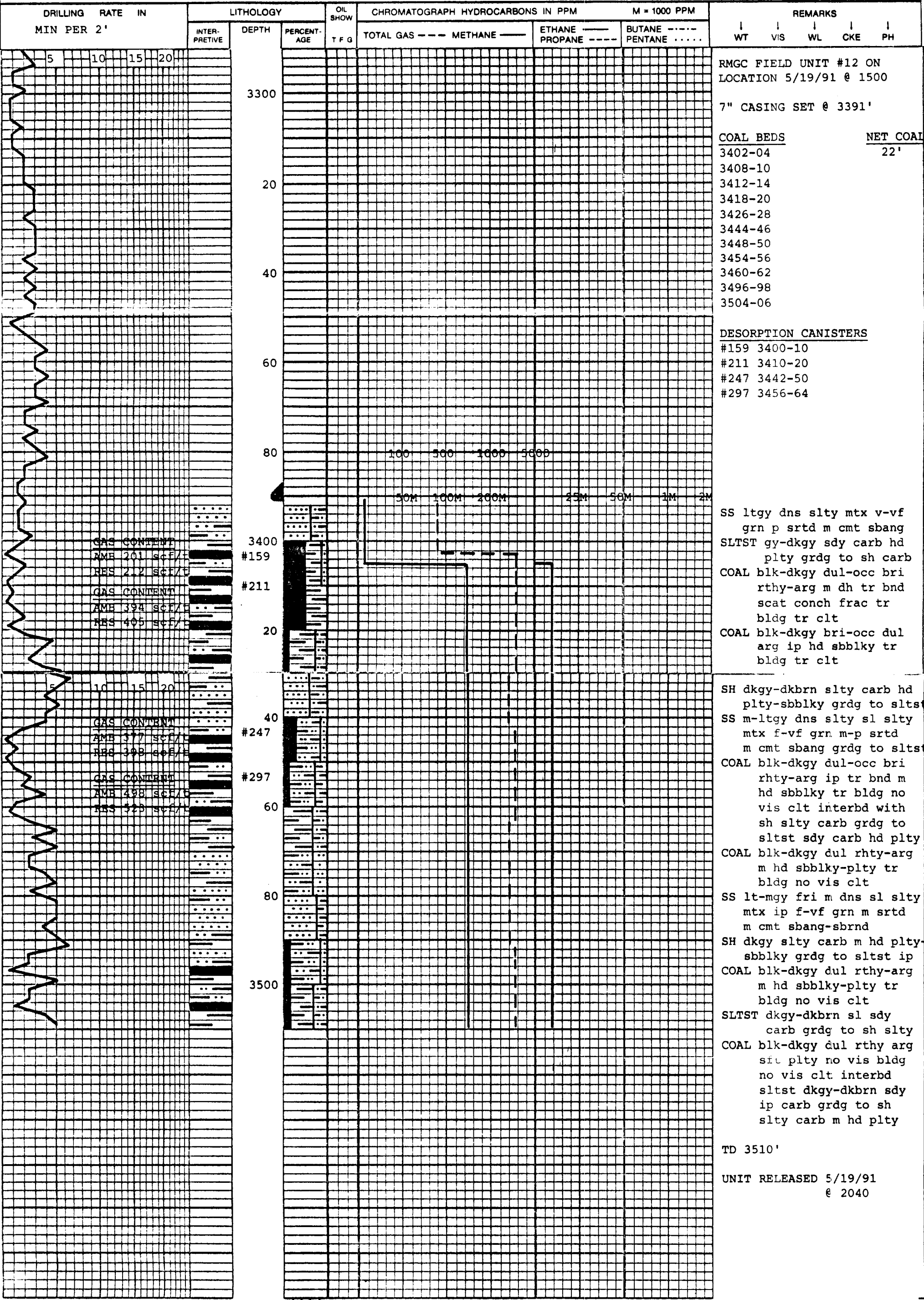
WELL SITE GEOLOGY — MUD LOGGING
2450 INDUSTRIAL BLVD. PHONE (303) 243-3044 GRAND JUNCTION, CO 81505

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OIL CON. DIV.
DIST. 3

COMPANY		PHILLIPS PETROLEUM CO	LOCATION	2033' FSL & 1192' FWL SEC 28 T32N R8W	DEPTH LOGGED	FROM 3391'	TO 3510'
WELL		SAN JUAN 32-8 #231	COUNTY	SAN JUAN	DATE LOGGED	5/19/91	5/19/91
FIELD		BASIN FRUITLAND	STATE	NEW MEXICO	ENGINEERS	JACK PALUGA	
ELEVATION		GR 6652' DF 6663'	DRILLING FLUID	PRODUCED WATER			

	SHALE		DOLOMITE		COAL		
	SANDSTONE		CHERT		ANHY-GYP		
	LIMESTONE		SALT		SILTSTONE		
				DTG - DOWN TIME GAS	TG - TRIP GAS		
				DST - DRILL STEM TEST	CG - CONNECTION GAS		
				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		
				○ - DEVIATION	○ - SHOW REPORT		



GENETIC SYSTEMS, INC.
405-235-1138
DIGITAL MAGNETIC SYSTEMS