

ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY - MUD LOGGING

2450 INDUSTRIAL BLVD

PHONE (303) 243-3044

GRAND JUNCTION CO 81505

RECEIVED

ALLG 3 1990

OIL CON. DIV
DIST. 3

COMPANY	PHILLIPS PETROLEUM CO.	LOCATION	1091' FSL & 1007' FWL SEC 35 T31N R6W	FROM	TO
WELL	SAN JUAN 31-6 #217	COUNTY	RIO ARRIBA	DEPTH LOGGED	3094' 3275'
FIELD	BASIN FRUITLAND COAL	STATE	NEW MEXICO	DATE LOGGED	6/3/90 6/4/90
ELEVATION	6432' GR 6444' KB	DRILLING FLUID	FRESH H2O	ENGINEERS	CURT P. ZELEPUGAS

	SHALE		DOLOMITE		COAL		CARB SHALE
	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

DRILLING RATE IN MIN/2 FT AV		LITHOLOGY		OIL SHOW		CHROMATOGRAPH HYDROCARBONS IN PPM				REMARKS					
		INTER- PRETIVE	DEPTH	PERCENT- AGE	T F G	TOTAL GAS ---	METHANE ---	ETHANE --- PROPANE ---	BUTANE --- PENTANE ---	WT	VIS	WL	CKE	PH	
2.5	5		3000												RMEC FIL UNIT #29 ON LOC. AND RIGGED UP 1:30am 6/3/90
			20												BEGIN LOGGING AT 3:00am 6/3/90
			40												7" CASING SET AT 3065'
															FRUITLAND CRT-INTERVAL BAND AND THICKNESS
			60												INTERVAL NET THICKNESS
															3132'-3134' 2'
															3170'-3173' 3'
															3180'-3182' 2'
															3218'-3228' 7'
															3234'-3244' 10'
															3252'-3258' 6'
															TOTAL NET COAL 30'
															TOTAL GAS SCALE CHROMATOGRAPH SCALE
			3100												SH m-dkgy gybrn-brn occ wh, blky-ireg,frm-hd,slty,tr cal
			20												
			40												COAL blk gyblk,bit-sbbit, bri-dul,hd-brit,vit,conch frac,mod cltg,pr vis desorb.
			60												WELL FLARING 5-10'
			80												SS wh clr trns1 occ lt brn, vf-fg w/occ mg,ang sbrnd, p-srt,mcmt,slty,loc cl fl calc
			3200												SH m-dkgy wh,blky-ireg,sft- frm,slty,calc,tr cal
			20												SS wh clr trns1 occ ltbrn, vf-fg w/occ mg,ang-sbrnd, psrt,mcmt,slty,loc cl fl, calc
			40												COAL blk gyblk,sbbit,dul-bri brit,vit ip,pr cltg
			60												
			3275												SS clr trns1 occ wh,fg-mg w/occ crs gr,ang-sbrnd,pcmt, psrt,mstly lse uncons,sl calc
															UNIT #29 OFF LOC.1:30am 6/4/90

[illegible]

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