ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

2450 INDUSTRIAL BLVD. PHONE (303) 243-3044 GRAND JUNCTION, CO 81505

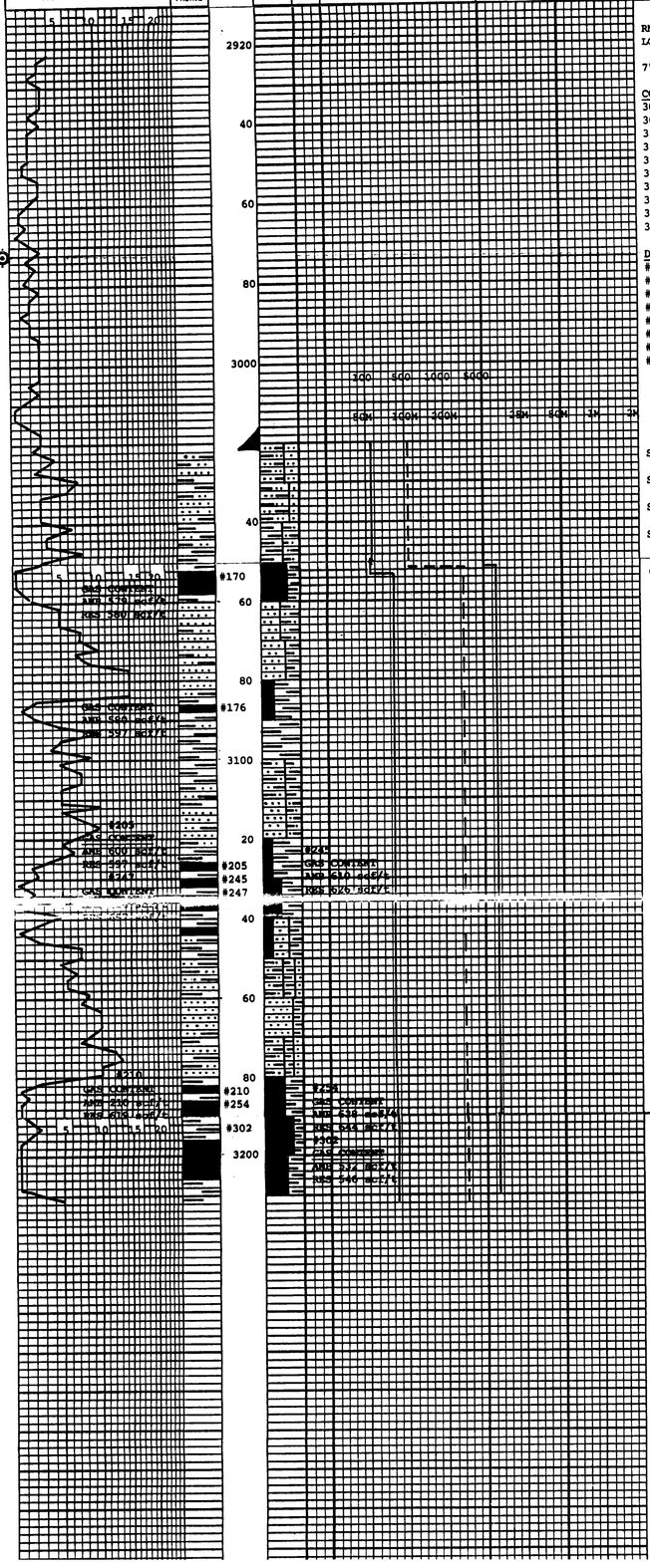
RECEIVED DEC 27 1990 OIL CON. DIV DIST. 3

			FROM	TO
COMPANY	PHILLIPS PETROLEUM CO	LOCATION	1598' FNL & 1783' FEL [redacted]	DEPTH LOGGED	3021'	3212'
WELL	BLANCO #202	COUNTY	SAN JUAN	DATE LOGGED	10/17/90	10/18/90
FIELD	BASIN FRUITLAND	STATE	NEW MEXICO	ENGINEERS	JACK PALUGA	
ELEVATION	GR 6308' DF 6319	DRILLING FLUID	WATER			

SHALE, SANDSTONE, LIMESTONE, DOLOMITE, CHERT, SALT, COAL, ANHY-GYP, SILTSTONE

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

DRILLING RATE IN MIN PER 2' | LITHOLOGY: INTERPRETIVE, DEPTH, PERCENTAGE | OIL SHOW T F G | CHROMATOGRAPH HYDROCARBONS IN PPM (M = 1000 PPM): TOTAL GAS, METHANE, ETHANE, PROPANE, BUTANE, PENTANE | REMARKS: WT, VIS, WL, CKE, PH



RMEC FIELD UNIT #29 ON LOCATION 10/17/90 @ 0900

7" CASING SET @ 3021'

COAL BEDS	NET COAL
3052-58	36'
3096-98	
3126-28	
3130-32	
3134-38	
3142-44	
3182-84	
3196-90	
3196-3200	
3200-06	

DESORPTION CANISTER
#170 3050-58
#176 3084-90
#205 3126-31
#210 3181-90
#245 3131-36
#247 3141-46
#254 3190-3200
#302 3200-10

SS wh-ltgy dns f grn m srtd m cmt sbang
SLTST lt-mgy sdy sl carb hd plty
SH dkgy-dkbrn slty carb hd plty grdg to sltst
SLTST dkbrn carb hd plty

COAL blk bri-sl dul sl arg blky-sbblky f-p bldg p-tr clt
SS m-ltbrn dns f-vf grn m-w cmt slty-sl carb mtx sbang
SS ltbrm dns f-vf grn p srtd m cmt sbang slty mtx grdg to sltst sdy
SH dkgy-blk slty carb hd sbblky-plty
COAL blk-dkgy bri-dul sl arg f-p bldg tr clt sbblky
SH dkgy-blk carb slty hd sbblky-plty
SLTST dkgy-dkbrn carb sdy plty
SLTST ltgy v-sdy sl carb sl sooty hd plty grdg to ss carb-slty mtx
SH dkgy-dkbrn slty carb hd plty
COAL blk bri-dul arg hd sbblky tr bldg
COAL blk bri sl arg ip vuggy w/incl f clt f-m bldg sbblky
SLTST dk-mgy sdy ip carb hd plty grdg to sh slty carb
SS lt-mbrn hd dns f-vf grn p srtd w cmt slty mtx sbang-ang
SLTS m-dkbrn sdy carb grdg to ss
SS mbrn dns slty-carb mtx f grn p srtd w cmt sbang
COAL blk bri-sl dul sl arg m bldg f clt ip

SH dkgy-blk carb slty hd sbblky
COAL blk bri sl arg w/incls bnd vug blky-sbblky f-m bldg f-m clt

UNIT RELEASED 10/18/20