ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

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

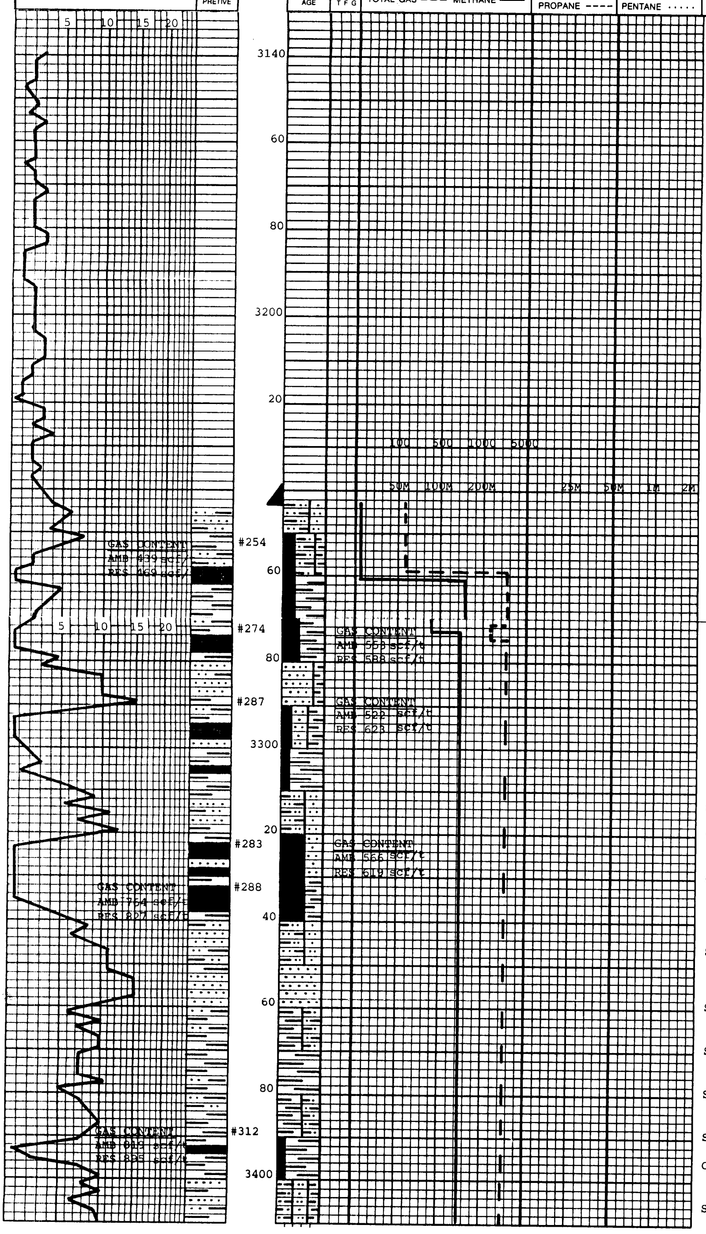
RECEIVED OCT 22 1990 OIL CON. DIV DIST. 3

COMPANY PHILLIPS PETROLEUM CO	LOCATION 1230' FSL & 1570' FWL SEC 27 T32N R7W			FROM	TO
WELL SAN JUAN 32-7 #207	COUNTY SAN JUAN		DEPTH LOGGED	3240'	3410'
FIELD BASIN FRUITLAN	STATE NEW MEXICO		DATE LOGGED	9/5/90	9/6/90
ELEVATION GR 6648' DF 6659'	DRILLING FLUID PRODUCED WATER		ENGINEERS JACK PALUGA		

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



RMEC FIELD UNIT #29 ON LOCATION @ 1600 9/5/90

7" CASING SET @ 3243'

COAL BEDS	NET COAL
3258-62	28'
3274-78	
3294-98	
3306-08	
3322-26	
3328-30	
3332-38	
3392-94	

DZ CANISTER
#254 3256-64
#274 3272-78
#283 3322-28
#287 3294-3300
#288 3328-36
#312 3392-95

TD 3410'
UNIT RELEASED 9/6/90 @ 1000

SLTST lt-mgy hd plty sdy grdg to ss slty mtx
SH dkgy carb slty hd sbblky
COAL blk-dkgy dul arg hd tr bldg sbblky
SH dkgy-blk carb sl slty hd sbblky-plty

COAL blk dul-sl bri hd sl arg p-f bledg tr clt sbblky-blky
SS ltgy-wh-clr transl frst f-vf grn m-w cmt m-w srtd sbrnd grdg ip to sltst
COAL blk-dkbrn sl bri hd sl arg p-f bldg tr clt interbd with ss lt-mbrn slty-carb mtx sbrnd
SH m-dkgy carb sl slty hd grdg ip sltst sdy
SS ltgy sl frst sl transl vf grn m srtd m cmt grdg sltst sdy sl carb hd
COAL blk sl bri-bri sl arg hd f bldg tr clt blky sblky interbd with ss lt-mbrn f grn m srtd m-w cmt slty-carb mtx
SS ltgy-wh-clr frst transl f-vf grn m-w srtd w cmt sbrnd grdg to sltst sdy plty hd
SH dkgy-blk sl slty ip carb hd sbblky-plty grdg to sltst ip sl carb sdy plty
SH dkgy-blk-dkbrn sl slty ip carb hd plty-sbblky grdg to carb sltst ip
SH ltgy sl slty ip carb hd plty-sbblky grdg to sltst ip
SH dkgy-dkbrn slty carb hd sbblky
COAL blk-dkbrn dul-sl bri hd sbblky tr bldg tr clt
SH dkgy-dkbrn slty carb hd