ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

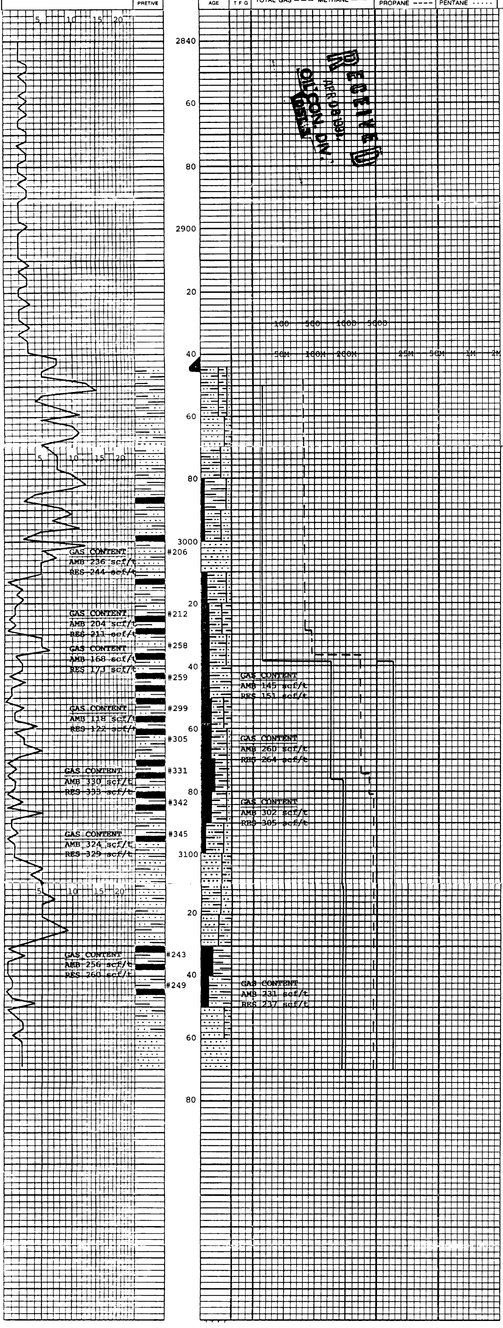
2450 INDUSTRIAL BLVD. PHONE (303) 243-3044 GRAND JUNCTION, CO 81505

					FROM	TO
COMPANY	PHILLIPS PETROLEUM CO	LOCATION	1990' FSL & 930' FWL SEC 20 T29N R6W	DEPTH LOGGED	2945'	3170'
WELL	SAN JUAN 29-6 #210	COUNTY	RIO ARRIBA	DATE LOGGED	2/23/91	2/24/91
FIELD	BASIN FRUITLAND	STATE	NEW MEXICO	ENGINEERS	JACK PALUGA	
ELEVATION	GR 6295' DF 6306'	DRILLING FLUID	WATER			

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



REMARKS

WT	VIS	WL	CKE	PH

RMGC FIELD UNIT #12 ON LOCATION 2/23/91 @ 1200

7" CASING SET @ 2945'

COAL BEDS	NET COAL
2986-88	
2998-3000	38'
3012-14	
3024-26	
3028-30	
3036-38	
3042-44	
3046-48	
3050-52	
3056-58	
3060-62	
3070-72	
3074-76	
3080-82	
3084-86	
3094-96	
3130-32	
3136-40	
3144-46	

SLTST m-dkgy sdy hd plty
SH dkgy-blk slty carb hd plty grdg to sltst
SS ltgy frst transl sl slty mtx f-vf grn m srtd m cmt sbrnd-sbang

SS mgy drs slty mtx f-vf grn p srtd m cmt sbang grdg to sltst ip
SH dkgy-ckbrn carb slty hd plty
COAL blk-dkgy dul-occ bri scat conch frac arg-rthy ip no vis bldg
COAL blk-dkgy dul rthy-arg no vis bldg plty
SS m-dkgy dns occ frst slty carb-sooty mtx f-vf grn m-p srtd sbang grdg to carb sltst
COAL blk-dkgy dul-occ bri rthy-arg ip bnd occ conch frac occ-tr bldg tr clt with sltst carb
COAL blk-dkgy dul-bri arg bnd ip scat conch frac tr bldg tr clt interbd with sltst carb sooty sdy hd plty-sbblky
COAL blk-dkgy dul-occ bri rthy-arg bnd ip tr bldg tr clt sbblky
SLTST dkgy-dkbrn carb sdy grdg to ss ip carb mtx f-vf grn p srtd
COAL blk-dkgy bri bnd arg ip scat conch frac tr bldg tr clt sbblky
COAL blk bri conch frac hd blky-sbblky m-p bldg m-p clt interbd with sh dkgy-dkbrn slty carb hd sbblky grdg to sltst carb sdy
COAL blk-dkgy dul rthy-arg m hd tr bldg tr clt
SLTST dkgy-dkbrn

SLTST ltbrn sl sdy ip sl carb hd plty grdg to
SS m-ltbrn dns slty mtx f-vf grn m srtd m cmt sbrnd-sbang grdg to sltst

COAL blk-dkgy bri-occ dul bnd conch frac hd blky m-p bldg m-p clt interbd with sh dkgy-dkbrn slty carb hd sbblky grdg to sltst sdy carb plty
SS ltgy-ltbrn frst-transl m dns slty sl carb mtx f grn ip m-w srtd m cmt sbrnd-sbang ip

TD 3170'

DESORPTION CANISTERS
#206 3012-20
#212 3024-30
#258 3032-40
#259 3040-50
#299 3050-60
#305 3060-70
#331 3070-80
#342 3080-90
#345 3090-3100
#243 3130-40
#249 3140-50

UNIT RELEASED 2/24/91 @ 0645