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OIL CON. DIV.
DIST. 3

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	LOCATION	1016' FNL & 895' FEL SEC 35 T31N R8W	DEPTH LOGGED	3016'	3184
WELL	BLANCO #203	COUNTY	SAN JUAN	DATE LOGGED	10/31/90	10/31/90
FIELD	BASIN FRUITLAND	STATE	NEW MEXICO	ENGINEERS	JACK PALUGA	
ELEVATION	GR 6290' DF6301'	DRILLING FLUID	WATAER			

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

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

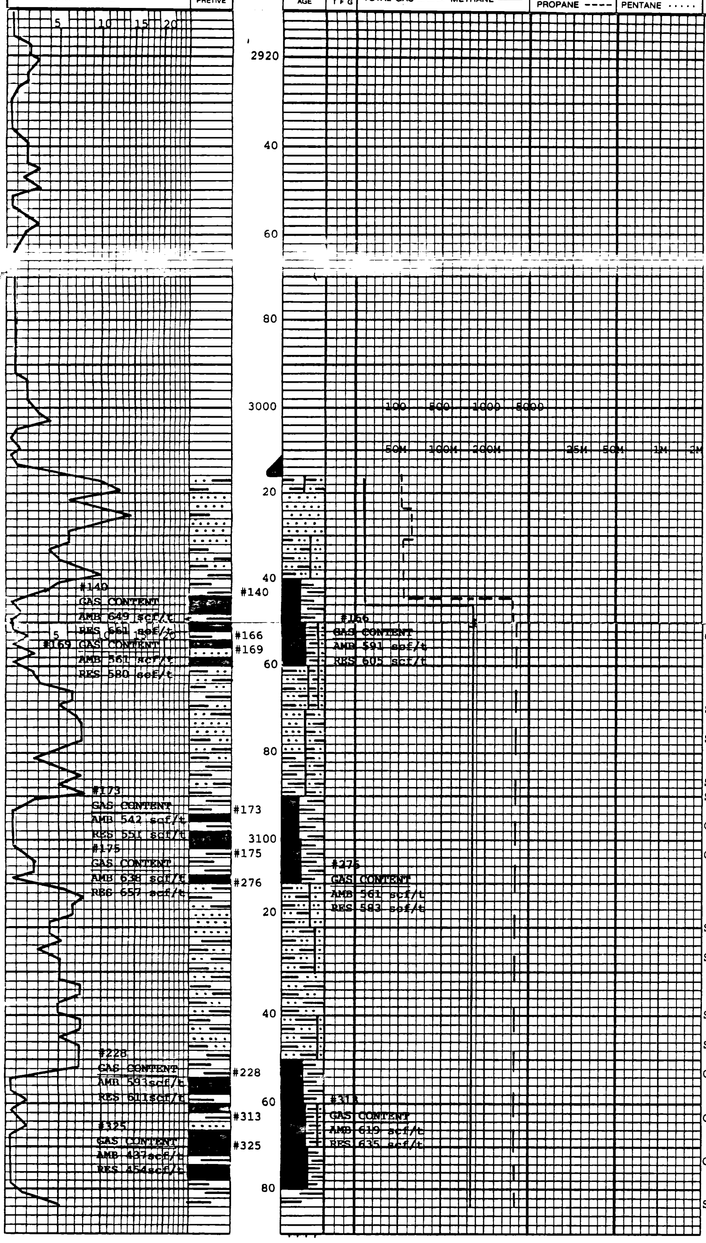
DRILLING RATE IN MIN PER 2' (5, 10, 15, 20)

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



RMGE FIELD UNIT #12 CN
LOCATION 10/31/90 @ 0600

7" CASING SET @ 3016'

COAL BEDS	NET COAL
3044-48	
3050-52	14'
3054-56	
3058-60	
3094-96	
3098-3102	
3108-10	
3154-58	
3160-62	
3166-72	
3174-78	

DESORPTION CANISTER
#140 3044-50
#166 3050-58
#169 3058-64
#173 3093-98
#175 3098-3106
#276 3108-14
#228 3154-64
#313 3164-74
#325 3174-82

TD 3184 ON 10/31/90 @ 2215

SLTST m-dkgy sdy carb hd plty grdg to sh slty
SS ltgy-wh frst trans dns f-vf grn m srtd w cmt slty mtx sbang-sbrd grdg to sltst
SH dkgy carb slty hd sbblky
COAL blk-dkgy bri-sl dul hd f-p bldg p clty sbblky

COAL blk-dkgy dul-sl bri hd arg bnd p-vp bldg tr clt sbblky interbd with ss lt-m brn slty-carb-sooty mtx
SLTST m-dkgy sl sdy carb hd plty grdg to sh carb
SS lt-mgy dns f grn m srtd m cmt slty mtx sbang grdg sltst
SLTST dkgy carb sdy hd plty
SH dkgy-blk slty carb hd sbblky grdg to sltst ip
COAL blk-dkgy dul-sl bri hd arg ip p-vp bldg tr clt
COAL blk dul-bri bnd tr conch frac f-p bldg tr-vp clt blky-sbblky interbd with sh dk-blk carb hd sbblky
SS mgy dns slty-sl carb f grn p srtd m cmt sb nd
SLTST m-dkgy sl sdy carb hd plty grdg to ss p

SLTST m-dkgy sdy carb sl sooty hd plty
SH dkgy slty carb hd plty grdg to sltst ip carb
COAL blk bri-sl dul sl arg conch frac f-p bldg f-p clt interbd with sh
COAL blk dul-sl bri arg ip bnd vp bldg tr clt interbd with ss carb mtx
COAL blk bri-sl dul sl arg hd tr conch frac bnd ip f-p bldg tr clt blky
SH dkbrn slty carb hd plty sbblky