ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

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

RECEIVED DEC 2 6 1990 OIL CON. DIV. DIST. 3

COMPANY	PHILLIPS PETROLEUM CO	LOCATION	967' FSL & 1390 FWL SB[redacted]
WELL	SAN JUAN 32-8 #238	COUNTY	SAN JUAN
FIELD	BASIN FRUITLAND	STATE	NEW MEXICO
ELEVATION	GR 6447' DF 6458'	DRILLING FLUID	WATER

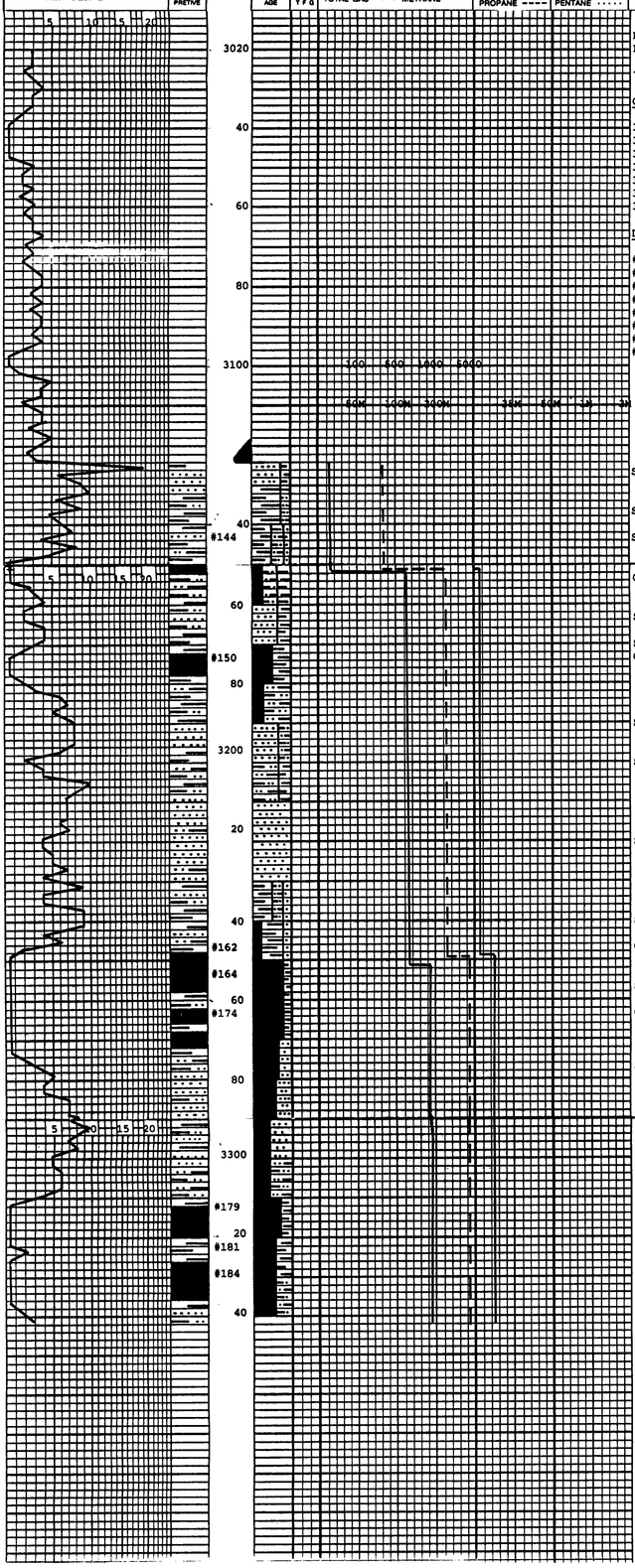
	FROM	TO
DEPTH LOGGED	3124'	3342'
DATE LOGGED	10/20/90	10/20/90

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 #12 ON LOCATION 10/20/90 @ 0600

7" CASING @ 3124'

COAL BEDS	NET COAL
3150-52	44'
3172-78	
3248-58	
3262-66	
3268-72	
3312-20	
3228-38	

DESORPTION CANISTERS

#144 3148-54
#150 3170-80
#162 3250-55
#164 3255-60
#174 3265-70
#179 3310-20
#181 3320-30
#184 3330-39

SS ltgy-clr frst vf grn m srtd w cmt sl slty mtx dns sbang
SH dkby-blk slty carb hd plty grdg to sltst
SLTST dkgy carb sl sdy plty

COAL blk-dkgy dul-sl bri sl arg hd sbblky tr-p bldg tr clt
SH dkgy-blk slty carb hd sbblky-plty grdg to sltst
SH dkgy slty carb hd sbblky
COAL blk-dkgy dul-sl bri arg ip hd sbblky vp bldg tr clt interbd with sltst carb sooty hd plty-sbblky
SH dkgy-dkbrn-blk sl slty carb hd plty grdg to sltst dkgy carb hd plty
SS m-ltbrn f-vf grn p srtd m-p cmt carb-sooty mtx sbrnd-sbang grdg to sltst

SS ltgy-wh-clr frst transl hd dns f-vf grn m-p srtd slty mtx sbrnd grdg to sltst

SH dkgy-blk sl slty carb hd sbblky
COAL blk bri brit-hd conch frac bnd ip f-m bldg m clt
SH dkgy-blk carb sl slty hd sbblky
COAL blk bri tr conch frac sl arg ip f-p bldg f clt ip interbd with sh dkgy-blk carb blky
SS wh-ltgy dns hd frst p-m srtd w cmt slty mtx sbang ip grdg to sltst

SLTST ltbrn sdy sl carb hd plty grdg to ss
SS ltbrn dns hd vf grn m-p srtd m-w cmt sbang-ang grdg to sltst sdy
COAL blk bri conch frac ip sl arg ip f-p bldg f-p clt blky interbd with sh dkgy-blk-dkbrn carb sl sooty hd sbblky blky
COAL blk bri sl arg sl bnd conch frac ip f-m bldg m-p clt blky

UNIT RELEASED 10/20/90 @ 2245