ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

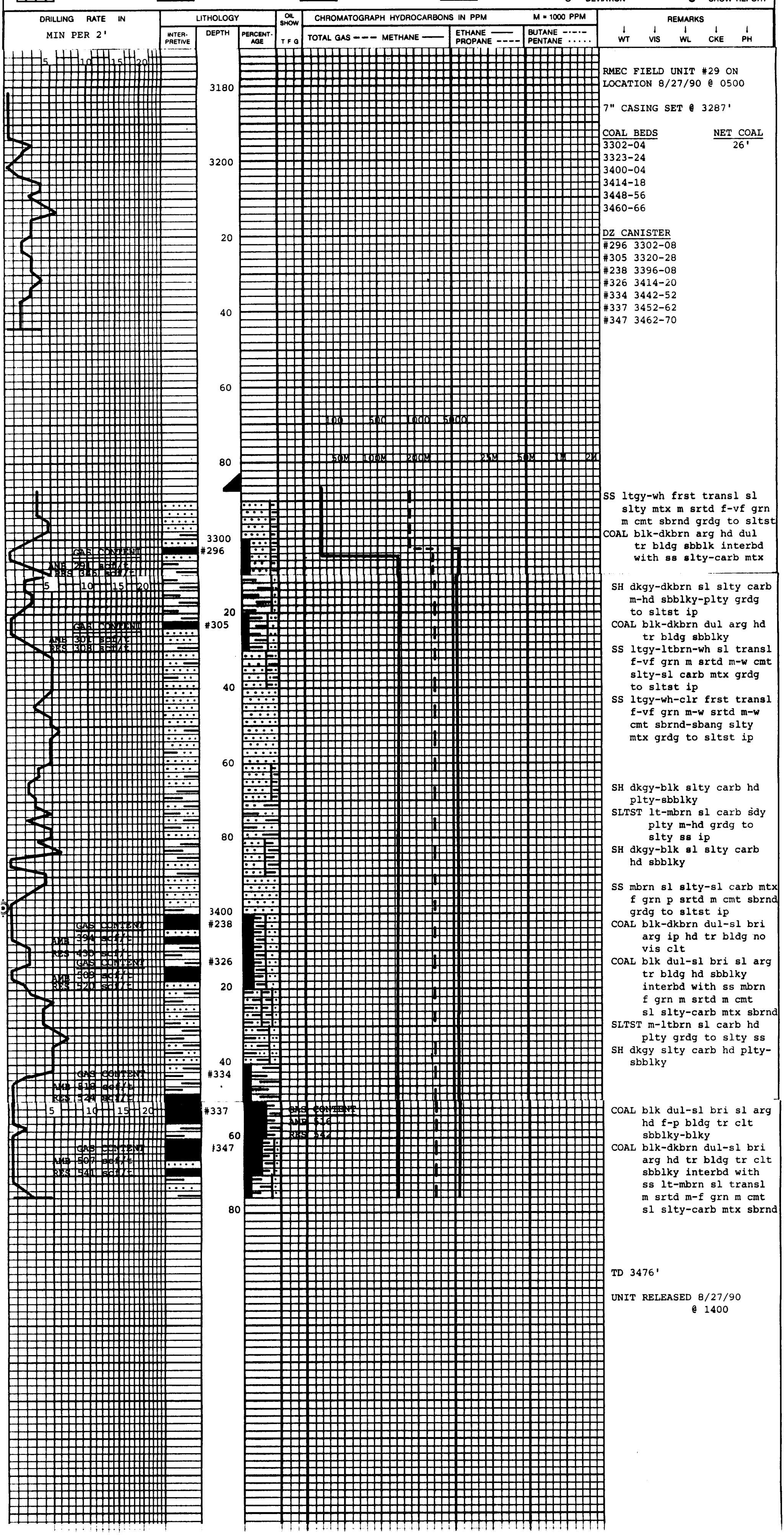
2450 INDUSTRIAL BLVD. PHONE (303) 243-3044 GRAND JUNCTION, CO 81505

RECEIVED
OCT 12 1990
OIL CON. DIV.
DIST. 3

					FROM	TO
COMPANY	PHILLIPS PETROLEUM CO	LOCATION	897' FNL & 1110' SEC 9 T31N R8W	DEPTH LOGGED	3287'	3474'
WELL	SAN JUAN 32-8 #222	COUNTY	SAN JUAN	DATE LOGGED	8/27/90	8/27/90
FIELD	BASIN FRUITLAND	STATE	NEW MEXICO	ENGINEERS	JACK PALUGA	
ELEVATION	GR 6590' DF 6601'	DRILLING FLUID	PRODUCED 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



RMEC FIELD UNIT #29 ON LOCATION 8/27/90 @ 0500

7" CASING SET @ 3287'

COAL BEDS	NET COAL
3302-04	26'
3323-24	
3400-04	
3414-18	
3448-56	
3460-66	

DZ CANISTER
#296 3302-08
#305 3320-28
#238 3396-08
#326 3414-20
#334 3442-52
#337 3452-62
#347 3462-70

SS ltgy-wh frst transl sl slty mtx m srtd f-vf grn m cmt sbrnd grdg to sltst
COAL blk-dkbrn arg hd dul tr bldg sbblk interbd with ss slty-carb mtx

SH dkgy-dkbrn sl slty carb m-hd sbblky-plty grdg to sltst ip
COAL blk-dkbrn dul arg hd tr bldg sbblky
SS ltgy-ltbrn-wh sl transl f-vf grn m srtd m-w cmt slty-sl carb mtx grdg to sltst ip
SS ltgy-wh-clr frst transl f-vf grn m-w srtd m-w cmt sbrnd-sbang slty mtx grdg to sltst ip

SH dkgy-blk slty carb hd plty-sbblky
SLTST lt-mbrn sl carb sdy plty m-hd grdg to slty ss ip
SH dkgy-blk sl slty carb hd sbblky

SS mbrn sl slty-sl carb mtx f grn p srtd m cmt sbrnd grdg to sltst ip
COAL blk-dkbrn dul-sl bri arg ip hd tr bldg no vis clt
COAL blk dul-sl bri sl arg tr bldg hd sbblky interbd with ss mbrn f grn m srtd m cmt sl slty-carb mtx sbrnd
SLTST m-ltbrn sl carb hd plty grdg to slty ss
SH dkgy slty carb hd plty-sbblky

COAL blk dul-sl bri sl arg hd f-p bldg tr clt sbblky-blky
COAL blk-dkbrn dul-sl bri arg hd tr bldg tr clt sbblky interbd with ss lt-mbrn sl transl m srtd m-f grn m cmt sl slty-carb mtx sbrnd

TD 3476'

UNIT RELEASED 8/27/90 @ 1400