ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY — MUD LOGGING

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

RECEIVED NOV 3 0 1990 OIL CON. DIV. DIST. 3

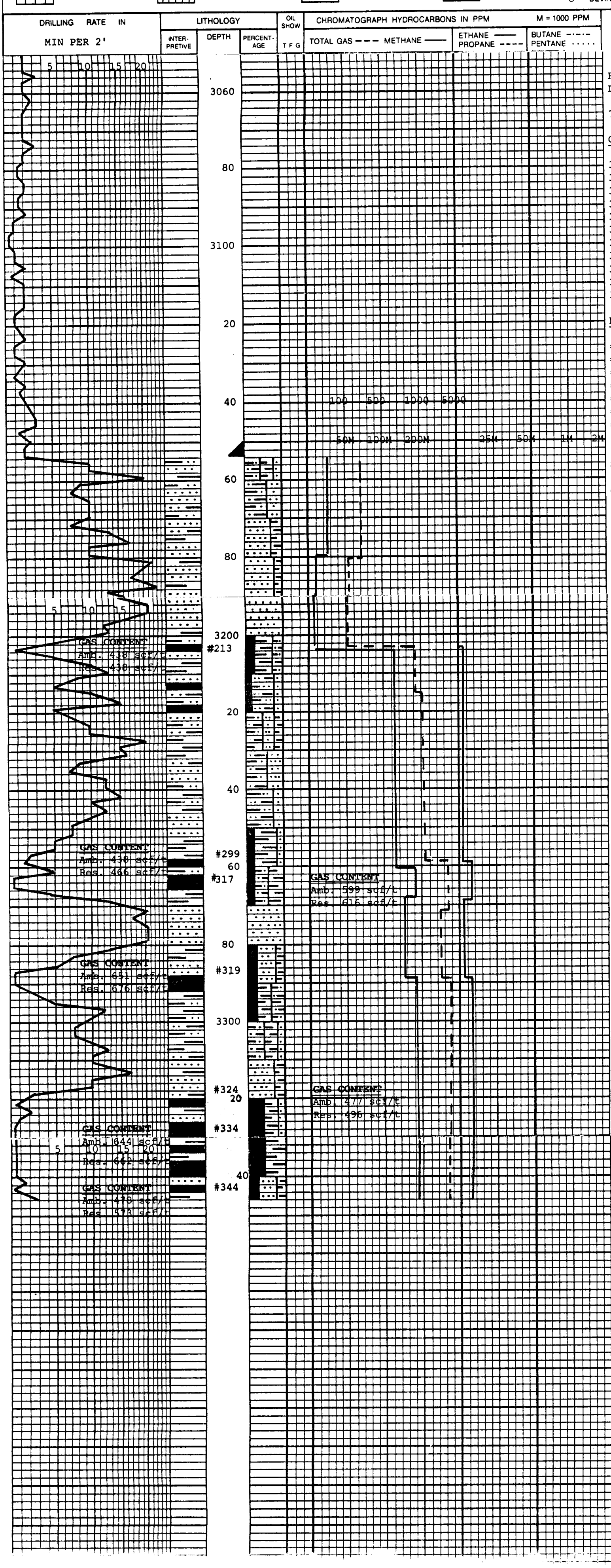
COMPANY	PHILLIPS PETROLEUM CO.	LOCATION	K 2008' FSL & 1780' FWL SEC 36 T31N R6W
WELL	SAN JUAN 31-6 #215	COUNTY	RIO ARRIBA
FIELD	BASIN FRUITLAND	STATE	NEW MEXICO
ELEVATION	GR 6548' DF 6559'	DRILLING FLUID	PRODUCED WATER

	FROM	TO
DEPTH LOGGED	3153	3246
DATE LOGGED	10/6/90	10/7/90

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



REMARKS

WT VIS WL CKE PH

RMEC FIELD UNIT #29 ON LOCATION 10/6/90 @ 0600

7" CASING SET @ 3153'

COAL BEDS	NET COAL
3202-04	30'
3212-14	
3218-20	
3258-60	
3262-66	
3288-92	
3320-22	
3326-30	
3332-34	
3336-40	
3342-44	

DESORPTION CANISTER

#213 3202-06
#324 3218-26
#299 3258-62
#317 3262-67
#319 3286-94
#334 3326-36
#344 3336-46

SLTST ltgy v-sdy m-hd plty

SS ltgy-wh-clr frst transl slty mtx vf grn m srtd m-w cmt sbang

SS ltgy-wh-clr frst transl f-vf grn m-psrtd m-w cmt slty mtx sbrnd grdg to sltst sdy

SS ltgy-wh-clr frst transl sl slty mtx vf-f grn m srtd w cmt sbrnd

COAL blk-dkgy arg hd sbblky tr bldg interbd with sltst carb sl sdy

COAL blk-dkgy sl arg dul hd plty tr bldg interbd with ss dk-mbrn slty-carb-sooty mtx f grn p srtd m cmt

SH dkgy-blk carb slty hd plty grdg to sltst

SS dkgy slty-sl carb mtx f grn m srtd m cmt sbang-sbrnd

SLTST lt-mgy sdy sl carb hd plty

SS lt-mgy slty-sl carb mtx f-vf grn m srtd m-w cmt sbang grdg to sltst ip

COAL blk dul arg hd sbblky tr bldg

COAL blk-dkbrn dul arg hd sbblky tr bldg

SS ltgy-wh-clr frst transl f grn m srtd m cmt sl slty mtx sbrnd-sbang

COAL blk dul-sl bri sl arg hd sbblky tr bldg interbd with ss lt-mbrn f grn m-p srtd m cmt slty-carb mtx sbang grdg to sltst sdy

SH dkgy-dkbrn slty carb hd sbblky-plty grdg to sltat

SS ltgy-wh frst transl sl slty mtx f-vf grn

COAL blk dul-sl bri hd arg ip sbblky tr bldg interbd with sh dkgy-dkbrn carb slty

COAL blk bri hd sl arg sbblky-blky vp bldg interbd with ss lt-mbrn f grn m-p srtd m cmt slty-carb mtx sbang ip

TD 3346'
UNIT RELEASED 10/7/90 @ 0035

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