

MOUNTAIN STATES WELL LOGGING CO.

P.O. BOX 364

RIVERTON, WYOMING 82501

PHONE 307-856-6447



COMPANY AMOCO PRODUCTION COMPANY

WELL PRITCHARD /A/ NO. 11

FIELD BASIN FRUITLAND COAL GAS POOL

COUNTY SAN JUAN STATE NEW MEXICO

UNIT NO. 2

DEPTH FROM 2423' TO 2651'

DATE FROM 12-16-90 TO 12-17-90

LOGGERS JIMMIE A. BALES

LORNA S. GLENN

CO — CIRCULATE OUT
NB — NEW BIT
DEV — DEVIATION
TG — TRIP GAS
DTG — DOWN TIME GAS
CG — CONNECTION GAS
DCB — DIAMOND CORE BIT

DB — DIAMOND BIT
DST — DRILL STEM TEST
NR — NO RETURNS
NS — NO SHOW
POROSITY, STAIN, & CUT
TRACE
FAIR
GOOD

LOCATION:

950' FWL, 1285' FSL

SEC. 1 TWP. 30N RGE. 9W

LEGEND

	SHALE		BENTONITE
	SILTSTONE		CHERT
	SANDSTONE		CONGLOMERATE
	LIMESTONE		COAL
	DOLOMITE		SALT
	ANHYDRITE		

GAS FROM MUD

TOTAL GAS DETECTOR.....

CHROMATOGRAPH ANALYSIS

METHANE — 1 PENTANES — 5
ETHANE — 2 HELIUM — 6
PROPANE — 3
BUTANES — 4
RESULTS IN MOLE PERCENT GAS/AIR

CASING RECORD

SIZE	FROM	TO
7"	-0-	2423

ELEVATION

GL 5866

DF

KB 5882

REMARKS

DRILL RATE
MIN/FT. FT/HR
1 2 3 4

POROSITY

LITHOLOGY

DEPTH

PERCENTAGE

LITHOLOGY

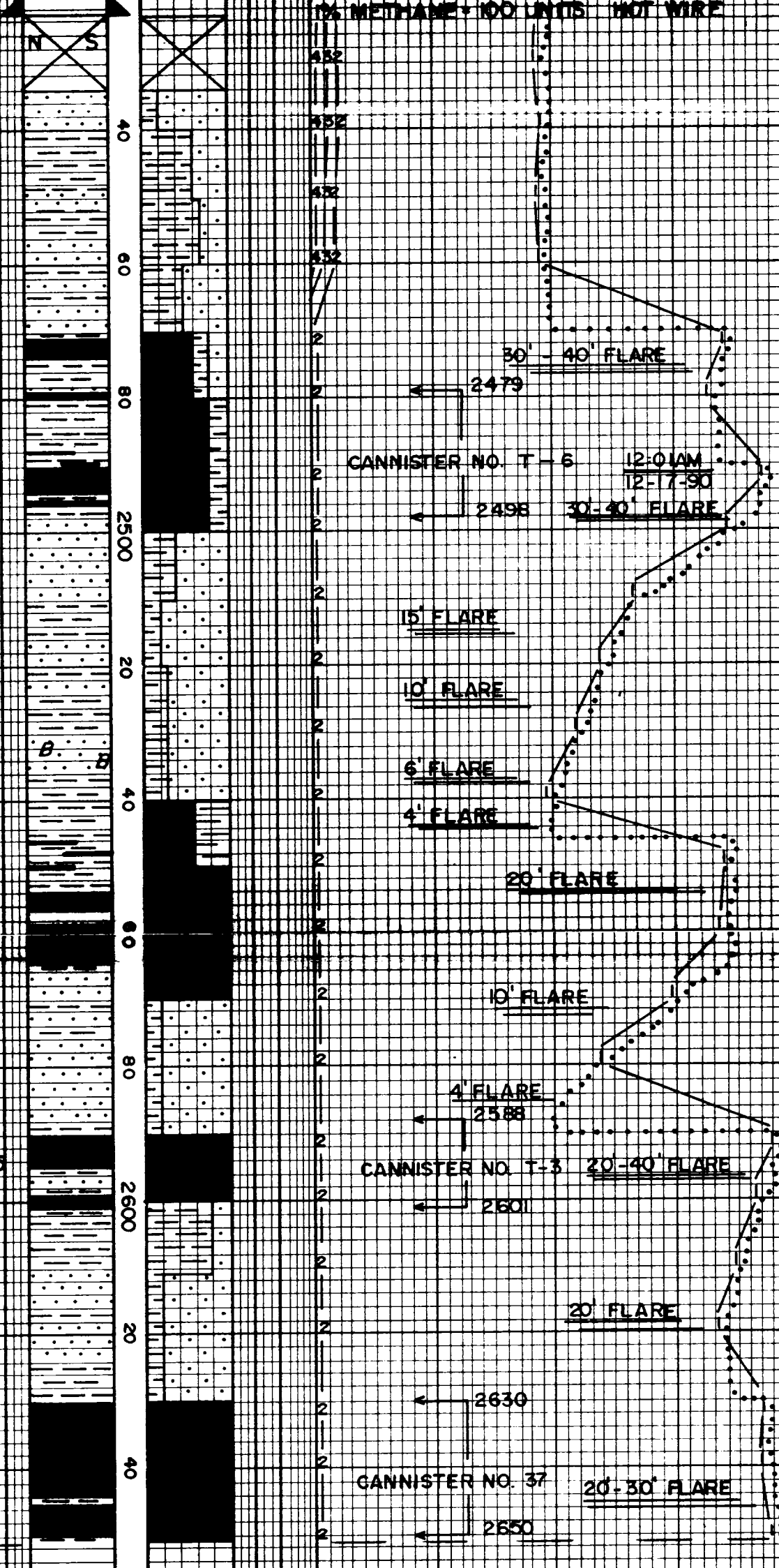
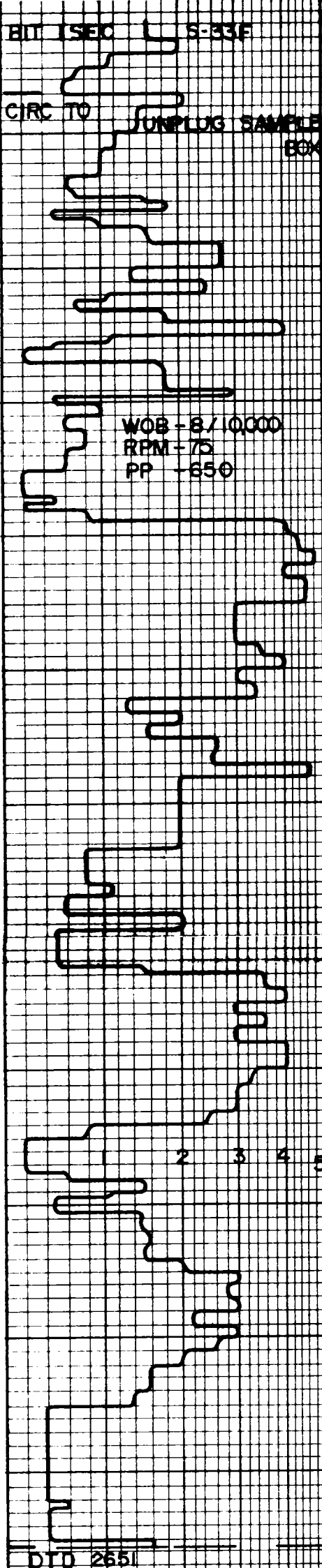
STAIN

CUT

% OIL

FLUOR

C'GRAPH 1% 10% 20% 30%
TOTAL GAS 100 1000 2000 3000



WELL TECH RIG 398

ON LOCATION 12-16-90

SH - DK BN GY, DK GY, SLI FIS, CARB, SM M GY, MIC MICA

SS - M GY, VF - FG, SB ANG, SB RND, UNCONS

COAL - BLK, SB BLKY TO PLTY, SEMI VIT TO VIT, MOD - SLI RTHY, FR CLEATING, BLDG GAS, SM BN BLK, RTHY W/ VIT LENS

COAL - BLK, BLKY, VIT - SEMI VIT, SLI RTHY, SM CONCH FRAC, FAIR CLEATING

SS - LT GY, GY BN, VF - FG, SB ANG - SB RND, MOSTLY UNCONS

SH - DK GY - BLK, BN BLK, FIS - SB FIS, V/CARB ABNDT LT GY WXY BENT

COAL - 60% BN BLK, PLTY, DULL, V/RTHY, & 40% BLK, PLTY, SEMI VIT - DULL, RTHY, POOR CLEATING, PR BLDG GAS

SS - M - LT GY BN, VF - L. VFG, FRI, SB ANG, V/ SLI S & P, V/SLI CALC

COAL - BLK, SB BLKY, VIT - SEMI VIT, SOME CONCH FRAC, SLI - MOD RTHY, WELL CLEATED

SH - M - DK GY, SB BLKY, MIC MICA I.P., SM SB FIS, V/CARB

COAL - BLK, SEMI-VIT TO VIT, SB BLKY, MOSTLY CLEAN, SOME SLI RTHY, WELL CLEATED, GOOD BLDG GAS

BEST COAL IN WELL

CANNISTER SAMPLES DELIVERED TO TECH INC, FARMINGTON, NM