

SCHEIDT & BOND
SCHLUMBERGER

SCHLUMBERGER DIRECTIONAL SURVEY

FENIX & SCISSON INC.

BLD. NO. 10 FLD. #7H

OLD MID FLAT AREA, FIELD

CLACKBURN, COUNTY, BRECON

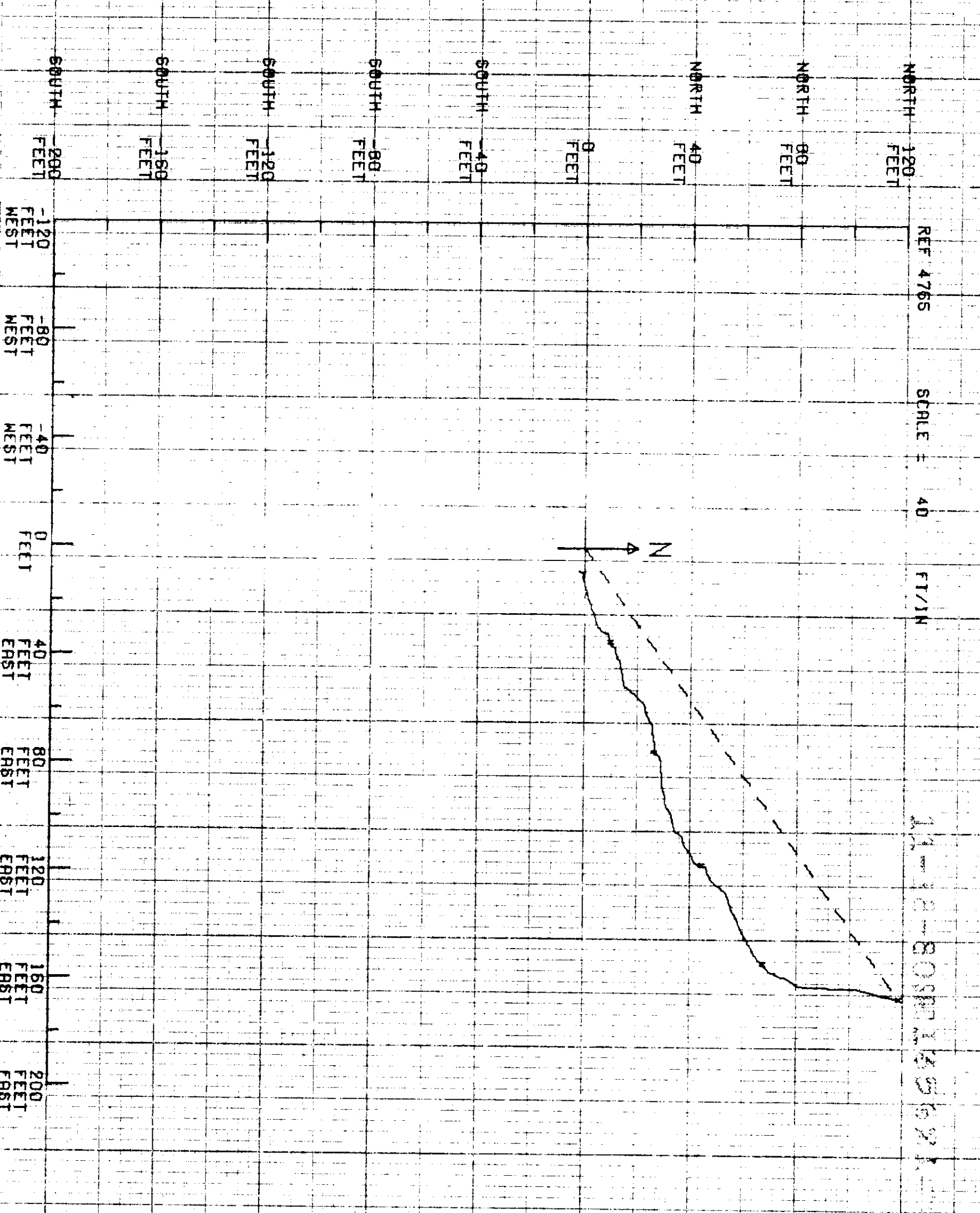
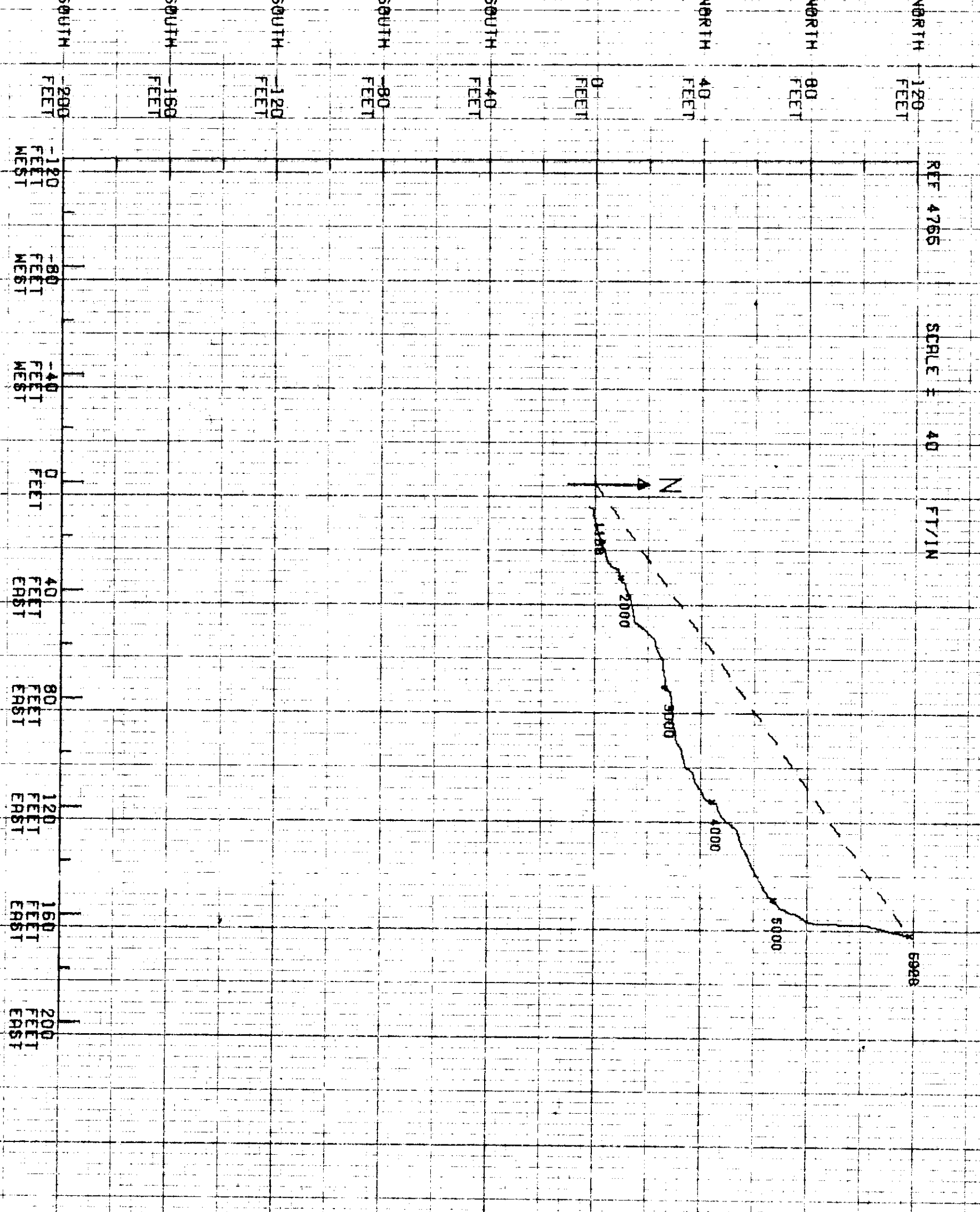
RUN NO. 1 112.0 - 1188.0 15-MJD-8D 4764

RUN NO. 2 1205.0 - 5928.0 29-SEP-8D 4765

SURVEY IS TIED-IN TO RUN NO. ONE RT 1188.0 FT

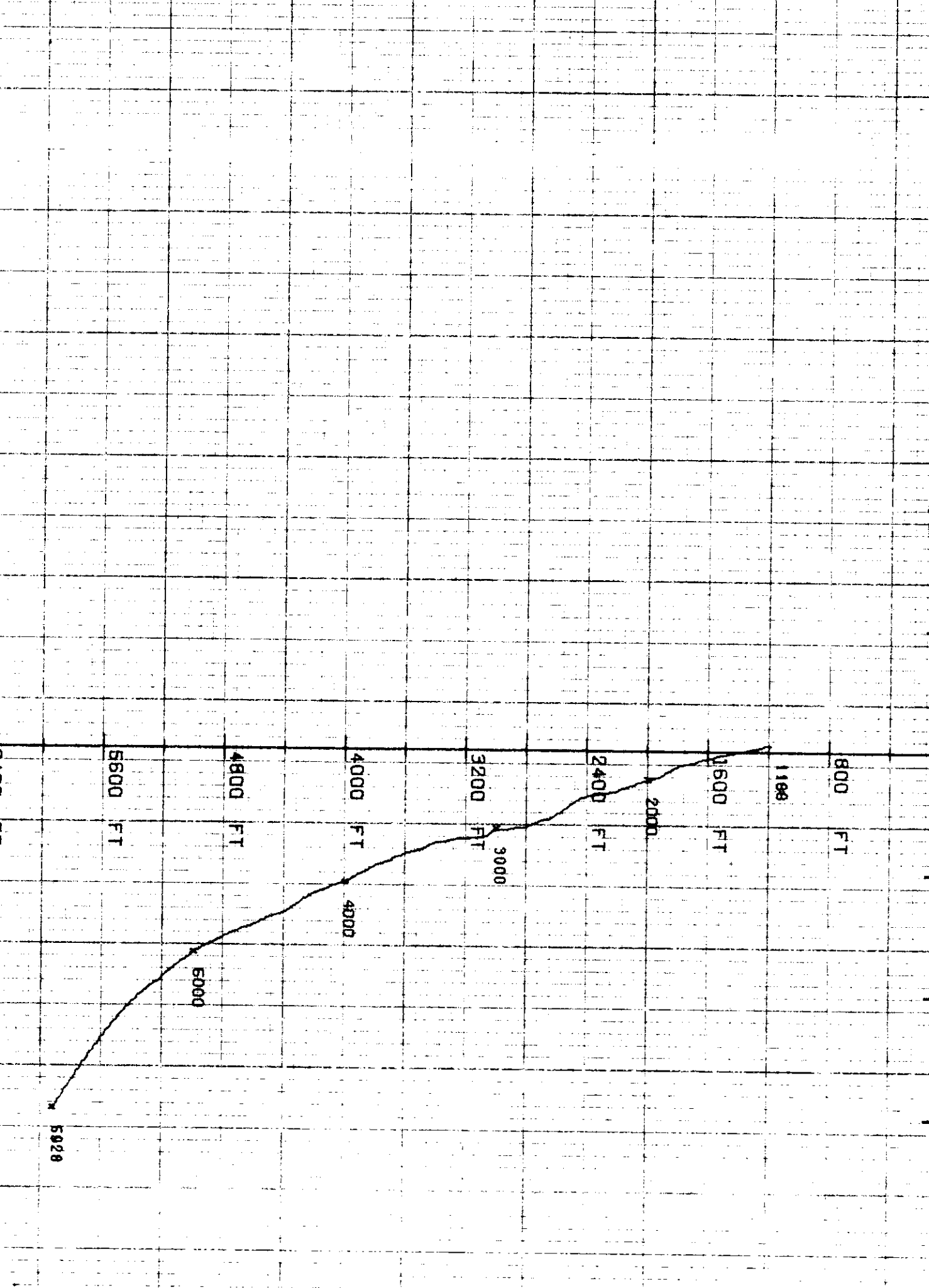
TANGENTIAL METHOD

UBA REFERENCE NUMBER 4765



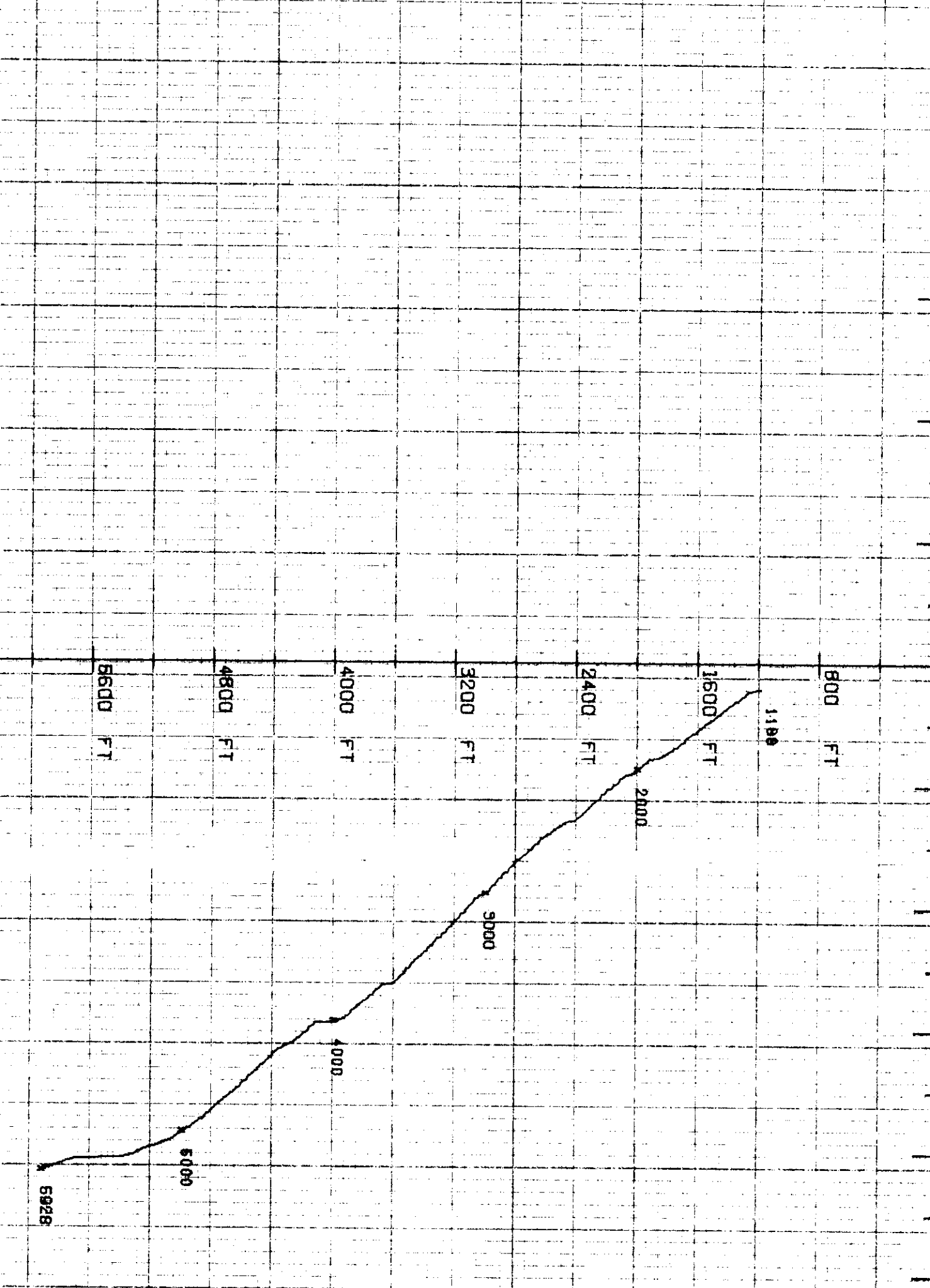
REF 4765 CROSS-SECTION LOOKING WEST

FEET SOUTH	FEET SOUTH	FEET SOUTH	FEET SOUTH	FEET SOUTH	FEET SOUTH	FEET SOUTH	FEET SOUTH	FEET SOUTH	FEET SOUTH
200	100	100	100	100	100	100	100	100	100



REF 4765 CROSS-SECTION LOOKING NORTH

FEET WEST	FEET WEST	FEET WEST	FEET WEST	FEET WEST	FEET WEST	FEET WEST	FEET WEST	FEET WEST	FEET WEST
120	80	40	40	40	40	40	40	40	40



TANGENTIAL METHOD

BOTTOM HOLE LOCATION

COURSE LENGTH 204.4 FEET

COURSE AZIMUTH 54.5 DEG.

MEASURED DEPTH 5928.10 FEET

TRUE VERTICAL DEPTH 5922.2 FEET

DISTANCE NORTH 118.6 FEET

DISTANCE EAST 165.5 FEET

REF 4765