



CGG - DATA PROCESSING SERVICES
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 2010.01
 Prof. 11. 500

COMPANY
 MONTEDISON

AREA
 TRIUNTO

LINE
 TRU-10-84

SHOT POINTS
 SW 100 305 NE

SPATIAL COHERENCE ENHANCEMENT
 C 750 0/0 DECON TUF AMCOO

PL 2 SURVEY 127 M5 03*
 AUGUST 13-1984 PROCESSED BY CGG

FIELD RECORDING
 RECORDED BY STAG TRV 28 THROUGH 31, 1984
 RECORDING PARAMETERS LENS 65 SAMPLING 2 MS
 1202 LOW CUT FILTER
 RECORDING SPREAD STRAGGLE SHOOTING, 60 FRACES, 500' INTERVAL

DETECTORS	24 GEOPHONES (24x12x2) PER TRACE
RECORDER	QPS 9 TIMES 60x60"
SHOT POINT INTERVAL	50 TO 250 M, MAXIMUM LATERAL OFFSET 100 M
SEISMIC SOURCE	EXPLOSIVES (MAXIMUM CHARGE 3000 LBS)

GROUP PATTERN
 1-30
 2 PAWS OF 12 GEOPHONES
 IN LINE SPACING 9 M
 OVERALL LENGTH 90 M

SURFACE CORRECTIONS
 STATICS COMPUTED BY UNWAVE AND FIRST-BREAK METHODS
 RETURN TO GP VELOCITY: 2000 M/S
 DATUM: MEAN SEA LEVEL
 CORRECTION SIGN: POSITIVE CORRECTIONS SHORTEN TIMES

PROCESSING SEQUENCE
 PROCESSED LENGTH 6 S
 DEINTERLEAVING
 RESAMPLING 2 MS TO 4 MS
 AMPLITUDE RECOVERY
 CDP GATHERING
 EDITING-RATES: 205 M 0 MS, 425 M 400 MS, 2900 M 1400 MS
 DECONVOLUTION: GATE 1: 200-1000 120 MS, GATE 2: 1100-3000 120 MS, GATE 3: 1000-4000 120 MS
 FILTER BEFORE STACK: 1142-6042 TO 1600-902-5042, 11200-14000
 LINEAR INTERPOLATION BETWEEN GATES
 GROUND LEVEL TO EPIC (OP OF CORRELATIONS)
 OPERATOR LENGTH 400 MS
 VELOCITY ANALYSIS
 AND CORRECTIONS *
 LINEAR INTERPOLATION BETWEEN VELOCITY FUNCTIONS
 SURFACE CONSISTENT STATICS (SATAN)
 CALCULATION WINDOW 5000-3000 MS
 STATICS TO FLAT DATUM
 750 0/0 FOLD
 FILTER AFTER STACK: 1142-5042 TO 1600-902-4542, 11200-14000
 LINEAR INTERPOLATION BETWEEN GATES
 AMCOO
 SPATIAL COHERENCE ENHANCEMENT
 OPERATOR LENGTH 800 MS
 TRACE EQUALIZATION

* ORIGIN OF TIMES AT GP OF COMPUTATION (GPC = AVERAGE GROUND LEVEL, DISPLAYED AT TOP OF THE SECTION BY A BLACK PIP)

ANALOG DISPLAY PARAMETERS
 HORIZONTAL SCALE: INTRINSIC
 VERTICAL SCALE: 1SEC=10CM
 DATUM: MEAN SEA LEVEL

