



ALL 1

BG RIMI s.p.a.  
Il Responsabile Esplorazione  
Walter Palmieri

*Baltim*

BRITISH GAS RIMI B  
BG Italy  
CASTEL DI LAMA  
LINES: FTR-19-81 / APF-33-90  
SP/VP: 100-242 / 132-594

NORTH-EAST

MIGRATION (MERGED)

PROCESSING HISTORY

PROCESSING 10 / 60 FOLD OF STACK	FROM BEST FORMAT TAPE.
EDIT OF BAD TRACES	FROM BEST RECORD DISPLAY AND CHECKER LOGS.
STRAIGHTENING	STRAIGHTENING USING SUPPLIED FIELD COORDINATES.
SPHERICAL DIVERGENCE CORRECTION	SCALAR = 3.14159 / (2 * PI * (R - R0)) R = 2000 M R0 = 2000 M
DATUM STATION CORRECTION	REMOVED USING TIME REFERENCE STATION ANALYSIS. DATUM = 0.0 M. REFERENCE VELOCITY = 8000 M/S. FIELD ADJUSTMENT TO MATCH ORIGINAL DATUM STATION.
SPIRAL NOISE FILTER	GATED: 1000 / 10.00. 8000 10 / 60 FOLD NORMAL.
DECONVOULTION BEFORE STACK	DECONVOULTION USING: 1500 M. 1.1 - 1.5 SECS. 1.5 - 4.5 SECS. 1.5 - 2.5 SECS. 1.5 - 4.5 SECS.
DESIGN GATE FTR-19-81	80 M. 1500 M.
DESIGN GATE APF-33-90	80 M. 1500 M.
REPLACE CONSISTENT RESIDUAL STATICS	REMOVED FROM AND CORRECTED GATES. REPLACED WITH ORIGINAL DATA.
INTERMEDIATE VELOCITY ANALYSIS	USING DITMAP 81 ON 8 PER LOCATION. 11 VARIABLE VELOCITY FUNCTIONS BETWEEN 8000-8000 M/S. RESULTS OF VELOCITY ANALYSIS USED TO REPLACE LINE TRACES TO FLATTEN DATUM.
REPLACE CONSISTENT RESIDUAL STATICS (SEG. PASS)	REMOVED FROM AND CORRECTED GATES. REPLACED WITH ORIGINAL DATA.
FINAL VELOCITY ANALYSIS	USING DITMAP 81 ON 8 PER LOCATION. 11 VARIABLE VELOCITY FUNCTIONS BETWEEN 8000-8000 M/S. RESULTS OF VELOCITY ANALYSIS USED TO REPLACE LINE TRACES TO FLATTEN DATUM.
NOISE ATTENUATION	BEST DAMAIN PE-DECONVOULTION.
DIP MOVEOUT CORRECTION	SINUSOIDAL ALGORITHM. 10 OFFSET PLANS. MAX DIP 1500/TRACE FTR-19-81. 80 OFFSET PLANS. MAX DIP 1500/TRACE APF-33-90.
NEURAL NETWORK CORRECTION	VELOCITIES OBTAINED FROM FINAL VELOCITY ANALYSIS.
MIX OF FIRST BREAKS & NO STRUCTURE	LINE FTR-19-81 / LINE APF-33-90 SP/VP (M.) / TIME (MS.) / TIME (MS.) 80 / 100 / 100 1500 / 800 / 800 1500 / 800 / 800 1500 / 800 / 800
TRACE EQUALIZATION	SON OVERLAPPING BALANCE. 0000 GATES
COMMON SWEPT POINT STACK	10 / 60 FOLD NORMAL.
POP-STACK MERGE	LINE FTR-19-81 SPATIAL MERGE TO MATCH APF-33-90 CDP INTERVAL (15.00)
FREQUENCY COMPENSATION	PHASE SHIFTER FILTER (100-SON SIGNAL ATTENANCE) - (TIME/SP/VP VARIATION APPLICATION)
WAVE EQUATION MIGRATION	WAVE EQUATION MIGRATION ALGORITHM SON-ON SWEPT POINT STACKING VELOCITIES - (TIME/SP/VP VARIATION APPLICATION)
TIME VARIANT BANDPASS FILTER	TIME (MS.) BANDPASS (DB.) 1000 - 8000 10 - 80 200 - 8000 10 - 80 8000 - 8000 10 - 80 8000 - 8000 10 - 80
TRACE EQUALIZATION	SON OVERLAPPING BALANCE. 0000 GATES (10000) 10000 GATES 1000-8000M.
STATIC CORRECTION	FROM FLOATING DATUM TO DATUM = 0.0 M.

DISPLAY PARAMETERS

HORIZONTAL SCALE : 1:100,000 60.5 TPI VERTICAL SCALE : 5 CM/SEC  
DATE : JANUARY 1999  
PLOTTER : 070 SERIAL FIM DPI : 400 HEAD : ON GAIN:0.0  
POLARITY : SEG STAIRCASE - COMPENSATION BEHAVIOR AS A NEGATIVE NUMBER ON TAPE  
(EXCEPT FOR A NEGATIVE NUMBER)  
QUALITY CONTROL : *M. Procutt* DATE : *Aug 1999*

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PROCESSED ON AN IBM MAINFRAME USING  
VERITAS DGC SOFTWARE

