

# RED EAGLE RESOURCES sr l

Cerchio Block  
Italy

Line: 1-80-AZ-03  
S.P. 325 - 771

Dmo Migration

Datum: 600 m. Vr: 1600 m./sec.

Processed by:  
Magnolia Energy Services, Inc.  
Houston, Texas  
713 975-0965 Fax: 713 975-1277

**FIELD PARAMETERS**  
Recorded by: C.G.G. Date: May, 1980 Party: 29  
Instruments: Type: SN 348 Number of Channels: 96 Format: 9 track, Seg-0  
Record Length: 30000 sec Sweep Length: 24000 Sample Rate: 4 ms  
Filters: 2.5 Hz, 12 db/oct Sweep Freq: 125 Hz 72 db/oct Density: 6250  
Energy Source: Type: Vibroseis No. Vibrators: 3 Sweep Freq: 12-70 Hz  
V.P. Int.: 35 m. Fold: 48  
Geophones: Type: GSD 200 No./group: 36  
Geophone Int.: 2 m. Freq: 10 Hz Group Int.: 35 m.  
Spread: Tr: 1-48 VP 49-96  
O/S (m.) |<-1645->|<-245->|<-210->|<-1645->|

- PROCESSING SEQUENCE**
- Demultiplex
  - Vibroseis correlation
  - Record and trace edit
  - Geometry Definition and cdp gather
  - Convert to minimum phase
  - Gain recovery  
Agc: 750 msec.
  - Deconvolution  
Type: Adaptive decon  
Operator length: 50 ms  
Preshifting: .1 s
  - Elevation statics  
Datum: Floating  
Replacement Velocity: 1600 m./sec.
  - Velocity analysis  
Type: Constant velocity Stacks (entire line)  
Velocity range: 1200 - 5000 m/sec.  
Number of panels: 35
  - Normal moveout correction
  - Automatic residual statics (surface consistent)  
Type: Data trace correlation method  
Window: 500 - 2000 ms.  
Correlation +/- 25 ms
  - Velocity analysis  
Type: Constant velocity Stacks (entire line)  
Velocity range: 1200 - 5000 m/sec.  
Number of panels: 35
  - Normal moveout correction
  - Automatic residual statics (surface consistent)  
Type: Data trace correlation method  
Window: 500 - 2000 ms.  
Correlation +/- 25 ms
  - FX Decon  
Window: 750 ms  
Prediction window length: 10 traces
  - Mute application
  - Dmo/Dmo velocity analysis
  - Cdp stack
  - Migration - 130% of posted velocities
  - Filter application - 10/14 - 40/50 Hz
  - Trace scaling - Agc  
Window: 500 msec
  - FX Decon

**DISPLAY PARAMETERS**  
Thu Oct 23 15:19:43 1997 Static Shift = -125  
Traces/Inches = 24 Inches/Second = 4  
Bias Percent = 0.65 C/S Limit = 6  
Gain Set = 0.65 RMS Amplitude = 6.886432  
Gain Constant = 733.277

