

# RED EAGLE RESOURCES sr I

Cerchio Block  
Italy

Line: 1-82-AZ-06  
S.P. 101 - 575

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: July, 1982 Party: 15  
Instruments:  
Type: SN 348 Number of Channels: 96 Format: 9 track, Seg-b  
Record Length: 30000 sec Sweep Length: 24000 Sample Rate: 4 ms  
Filters: 12.5 Hz, 12 db/oct. Density: 6250  
Energy Source:  
Type: Vibrosels No. Vibrators: 3 Sweep Freq: 12-60 Hz  
Vibrosel Int.: 35 m. Fold: 48  
Geophones:  
Type: G50 200 No. /group: 36  
Geophone Int.: 3.6 m. Freq: 10 Hz Group Int.: 35 m.  
Spread:  
Tr. 1 48 VP 40 96  
O/S (m.) |<-1645->|<-140->|<-175->|<-1645->|

### PROCESSING SEQUENCE

1. Demultiplex
2. Vibrosels correlation
3. Record and trace edit
4. Geometry Definition and cdp gather
5. Convert to minimum phase
6. Gain recovery  
Agc: 750 msec.
7. Deconvolution  
Type: Adaptive decon  
Operator length: 80 ms.  
Prewhitening: 1 s
8. Elevation statics  
Datum: Floating  
Replacement Velocity: 1600 m./sec.
9. Velocity analysis  
Type: Constant velocity Stacks (entire line)  
Velocity range: 1200 - 5000 m/sec.  
Number of panels: 35
10. Normal moveout correction
11. Automatic residual statics (surface consistent)  
Type: Data trace correlation method  
Window: 500 - 2000 ms.  
Correlation +/- 25 ms.
12. Velocity analysis  
Type: Constant velocity Stacks (entire line)  
Velocity range: 1200 - 5000 m/sec.  
Number of panels: 35
13. Normal moveout correction
14. Automatic residual statics (surface consistent)  
Type: Data trace correlation method  
Window: 500 - 2000 ms.  
Correlation +/- 25 ms.
15. FX Decon  
Window: 750 ms.  
Prediction window length: 10 traces
16. DMO/DMO Velocity Analysis
17. Mute application
18. Cdp stack
19. Migration - 130% of posted velocities
20. Filter application 10/14 - 40/50
21. Trace scaling - Agc  
Window: 500 msec.
22. FX Decon

### DISPLAY PARAMETERS

Thu Oct 23 15:46:34 1997 Static Shift = -125  
Traces/Inches = 24 Inches/Second = 4  
Bias Percent = 0 Clip Limit = 2  
Gain Set = 0.95 RMS amplitude = 0.951868  
Gain Constant = 682.868

ADVANCE PROMAX

