

South

# RED EAGLE RESOURCES sr I

## Cerchio Block Italy

Line: 1-82-AZ-05  
S.P. 107 - 432

### 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. - 125 Hz - 72 db/oct. Density: 6250

Energy Source:  
Type: Vibroseis No. Vibrators: 3 Sweep Freq: 12-60 Hz  
V.P. Int.: 35 m. Foid: 48

Geophones:  
Type: GSD 200 Freq: 10 Hz No./group: 36  
Geophone Int.: 3.6 m. Group Int.: 35 m.

Spread:  
Tr. 1 48 VP 49 96  
O/S (m.) |<-1645->|<-140->|<-175->|<-1645->|

#### PROCESSING SEQUENCE

1. Demultiplex
2. Vibroseis 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.  
Preshifting: .1
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

#### DISPLAY PARAMETERS

Thu Oct 23 15:41:37 1997 Station Shift = -125  
Traces/Inches = 24 Inches/Second = 4  
Bias Percent = 0 Clip Limit = 2  
Gain Set = 0.65 RMS Amplitude = 1.0613  
Gain Constant = 612.457

ADVANCE PROMAX

