

RED EAGLE RESOURCES srl

Cerchio Block
Italy

Line: 1-82-AZ-04
S.P. 101 - 489

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. Fold: 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: 20 ms.
Preshifting: 1 s
8. Elevation statics
Datum: Flooding
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 15:57:22 1997 Static Shift = -125
Traces/Inches = 24 Inches/Second = 4
Bias Percent = 0 Clip Limit = 2
Gain Set = 0.65 RMS Amplitude = 1.04038
Gain Constant = 624.775

ADVANCE PROMAX

