

RED EAGLE RESOURCES srl

Cerchio Block Italy

Line: 1-82-AZ-03
S.P. 101 - 713

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 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 Group Int.: 35 m. No./group: 36
 Geophone Int.: 3.6 m.
 Spread:
 Tr. 1 48 VP 49 96
 0/25 (m) |< 1645 |< 140 |< 175 |< 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: 80 ms.
Preshifting: 1
 - Elevation statics
Datum: Floating
Replacement Velocity: 1600 m./sec.
 - Velocity analysis
Type: Constant velocity Stacks (entire line)
Velocity range: 1200 - 2000 m/sec.
Number of panels: 35
 - Normal moveout correction
 - Automatic residual statics (surface consistent)
Type: Data trace correlation method
Window: 500 - 2000 ms.
Correlation γ : 25 ms.
 - Velocity analysis
Type: Constant velocity Stacks (entire line)
Velocity range: 1200 - 2000 m/sec.
Number of panels: 35
 - Normal moveout correction
 - Automatic residual statics (surface consistent)
Type: Data trace correlation method
Window: 500 - 2000 ms.
Correlation γ : 25 ms.
 - FX Decon
Window: 750 ms.
Prediction window length: 10 traces
 - DMO/DMO Velocity analysis
 - Mute application
 - Cdp stack
 - Migration - 130% of posted velocities
 - Filter application 10/14 - 40/90 Hz
 - Trace scaling - Agc
Window: 500 msec.
 - FX Decon

DISPLAY PARAMETERS
 Thu Oct 23 15:25:16 1997 Static Shift = -125
 Traces/Inch = 24 Inches/Second = 4
 Bias Percent = 0 Clip Limit = 0
 Gain Set = 0.65 Rec. Amplitude = 0.984624
 Gain Constant = 660.15

ADVANCE ProMAX

