

APPENDIX 3

DELHI PETROLEUM PTY LTD

PROCESSING CODES

To standardise the processing numbering system and to facilitate more efficient control of the various display types, a series of alphanumeric characters are used to describe each output display. A series of numbers are assigned to each process, the last digit indicating the phase of the display relative to field recording polarity.

- ie. 0 - Normal Polarity
1 - Reverse Polarity
2 - +90 degrees phase shift
3 - -90 degrees phase shift

This is followed by a version number (ie. first, second, third version of a particular stage) and a display scale letter which describes the horizontal and vertical scales.

- ie. A - 10-19 TPI 5 IPS (Full scale)
B - 20-29 TPI 5 IPS (Compressed scale)
C - 20-29 TPI 2.5 IPS (Half scale)
D - 10-19 TPI 10 IPS (Double scale)
E - 20-29 TPI 10 IPS (Compressed double scale)
F - 40 TPI 5 IPS (4:1 Squeezed scale)
G - 80 TPI 5 IPS (8:1 Squeezed scale)
H - 40 TPI 2.5 IPS
J - 40 TPI 10 IPS
K - 80 TPI 2.5 IPS

Thus the processing code for the first processed version of a final film section displayed at normal polarity and 10 TPI 5 IPS would be 140.1A.

Note that for reprocessing the version number should be greater than "1". These numbering systems should appear on all displays and all correspondence referring to these displays.

Process numbers are defined as follows:-

PRODUCTION PROCESSING

| | |
|------------------------------------|--------|
| Raw Record Displays | 10.xx |
| 1st Break Statics Displays | 20.xx |
| Prelim Velocity Analysis | 25.xx |
| Brute Stack | 30.xx |
| 100% Displays - Near Trace Gathers | 35.xx |
| - Full Offset Range | 40.xx |
| 1st Pass Residual Statics Displays | 50.xx |
| Preliminary Stack | 60.xx |
| Final Velocity Analysis | 70.xx |
| 2nd Pass Residual Statics | 80.xx |
| NMO Corrected Gathers | 90.xx |
| ISO Velocity Plots | 100.xx |
| Final Q.C. Stack | 130.xx |
| Final Stack Film | 140.xx |
| Migration Q.C. Display | 150.xx |
| Final Migration Film | 160.xx |

APPENDIX 3 Cont.

TESTING SEQUENCE

| | |
|-------------------------------|-----|
| Data Analysis Displays | A.x |
| Velocity Filter Tests | B.x |
| Amplitude Recovery Tests | C.x |
| Pre-Stack Scaling Test | D.x |
| Pre-Stack Deconvolution Tests | E.x |
| Stack Mute Test | F.x |
| Field Statics Analysis | G.x |
| Post Stack Deconvolution | H.x |
| Time Variant Filter Tests | J.x |
| Scaling Tests | K.x |
| Phase Shift Test | L.x |
| Migration Trials | M.x |
| Coherency Filter Tests | N.x |