

9229-S40-1P

9229-S40-1P

SIGMA EXPLORATIONS (1978) LTD.
SUITE 103 CALGARY HOUSE PHONE 284 7885
300 15TH AVENUE S.W. CALGARY ALBERTA T2P 1K2

**NORMAL POLARITY
STRUCTURE SECTION**

LINE NO: 85 - 19
AREA: MACKENZIE PLAIN (85)
DIRECTION: NORTHEAST
DATUM: 400 M

PROCESSED BY:
BEAVER SEISMIC PROCESSORS

DATE PROCESSED: MARCH, 1985 DATE SHOT: MARCH, 1985
SHOT BY: BEAVER GEOPHYSICAL A DIVISION OF
LINE RESOURCE INFORMATION INC.

FIELD PARAMETERS

SOURCE TYPE	DYNAMITE	INSTRUMENTATION	DFSV
CHARGE SIZE	2 X 1 KG.	GAIN MODE	17P
PROGRAM	2 X 25 M APART	FIELD FILTER	15/120 NOTCH OUT
HOLE DEPTH	8 M	GROUP INTERVAL	25 M
SOURCE INTERVAL	100 M	GEOPHONE TYPE	MARK - 10 HERTZ
RECORD LENGTH	4 SECONDS	GEOPHONE LAYOUT	9 OVER 25 M
SAMPLE INTERVAL	2 MS	COVERAGE	1500 X

SPREAD TRACE 1 - 60 X 61 - 120
DISTANCE 1500 - 25 - X - 25 - 1500 M

DISPLAY PARAMETERS

TRACES/INCH 80 INCHES/SEC 7.5

PROCESSING PARAMETERS

- 1 DEMULTIPLEX
RECORDED 2 MS
PROCESSED 2 MS
SAMPLE RATE 4 SECOND
RECORD LENGTH 3 SECOND
- 2 RELATIVE TRUE AMPLITUDE RECOVERY
EXPONENTIAL DECAY AND DISTANCE DEPENDENT RESIDUAL ANALYSIS
- 3 INSTRUMENT AND GEOPHONE DEPHASING
- 4 DECONVOLUTION - SPIKING
OPERATOR 80 MS PREWHITENING 1.0 X
FILTER DESIGN GATE 200 - 2000 MS X 25 M APPL. GATE 0 - 4000 MS
FILTER DESIGN GATE 600 - 2000 MS X 1500 M APPL. GATE 0 - 4000 MS
- 5 TRACE GATHER
- 6 VELOCITY ANALYSIS
- 7 NORMAL MOVEOUT
- 8 STRUCTURE STATICS - DRIFT CORRECTION
DATUM ELEVATION 400 M
REPLACEMENT VELOCITY 3700 M/SEC
- 9 STATICS - AUTOMATIC SURFACE CONSISTENT
WINDOW 1 500 - 1000 MS
- 10 FIRST BREAK MUTES
DISTANCE 1 220 225 1500 3000 1 M
1500 1 0 400 700 1100 1 MS
- 11 TRIM STATICS
WINDOW 1 500 - 1000 MS
- 12 STACK
15 FOLD
- 13 FILTER - DIGITAL BANDPASS
PASS BAND 10/22 - 80/100
10/25 - 50/100
APPL. GATE 0 - 1500 MS
APPL. GATE 1700 - 4000 MS
- 14 AMPLITUDE EQUALIZATION -
DATA INDEPENDENT SCALING

SIGMA EXPLORATIONS (1978) LTD. RETAINS ALL RIGHTS TO ALL
AND TRADE OF THIS DATA. RECIPIENT AGREES TO AN IN-EXCLUSIVE
RIGHT TO USE THIS DATA AND AGREES NOT TO IN-DE-SELL, NOR
GIVE THE DATA TO ANY THIRD PARTY WITHOUT A WRITTEN
PERMISSION OF SIGMA.

PROJ. NO.

9 2 9 - 8 4 0 - 1

LINE NO.

8 5 - 1 9

PART NO.

2 OF 2

R.R. 10X

