

LINE NEL-7
S.P. 675-101
N.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD

EAST LIARD

 SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA		DATE PROCESSED MAY 1984 G.C. RN
FIELD RECORDING		
DATE SHOT FEBRUARY 1984 SHOT NO. PARTY NO. 508 SOURCE TYPE DYNAMITE SOURCE PATTERN SINGLE HOLE CHARGE SIZE 2 KG AT 13 M GEOPHONE TYPE GEOSPAC-10 HZ GEOPHONE PATTERN 18 AT 3 M INTERVALS INSTRUMENTS NVS-10 96 TRACES FORMAT SEG-10 RECORDING FILTER 12/18 - 125/72 HZ RECORD LENGTH 8 SEC SAMPLE INTERVAL 2 MS GROUP INTERVAL 40 M SHOT POINT INTERVAL 180 M SPREAD GEOMETRY 1920-40-X-40-1920 M		
DIGITAL PROCESSING		
1 DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 4 COP TRACE GATHERS 5 AUTOMATIC GAIN CURVE APPLICATION 6 SPINNING DECONVOLUTION OPERATOR DESIGN WINDOW MIN OFFSET MAX OFFSET OPERATOR LENGTH PREHIGHLIGHTING 7 WEATHERING STATICS DATUM ELEVATION DATUM VELOCITY 8 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG WINDOW 9 VELOCITY ANALYSIS 10 WINDOW 11 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG WINDOW 12 COMMON OFFSET STACK 13 RESIDUAL WINDOW 14 MUTE 15 STACK 16 WAVE EQUATION MIGRATION 17 BANDPASS FILTER 18 EQUALIZATION 19 FILM DISPLAY	2 MS 1200 PERCENT 250-1750 MS 1100-2600 MS 60 MS 1 PERCENT 500 M ASL 3700 M/SEC 610 M/SEC +30 MS 400-1800 MS +24 500-1500 MS 1200 PERCENT 10/20 - 60/70 HZ 400-2500 MS 18 TRACES/IN 5 INCHES/SEC NORMAL POLARITY (POSITIVE VALUE PEAK) PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	

SP 450
TIME VRS
0 1800
200 2000
300 2700
400 3100
500 3300
600 3500
700 3600
800 3700
900 3800
1000 3900
1100 4000
1200 4100
1300 4200
1400 4300
1500 4400
1600 4500
1700 4600
1800 4700
1900 4800
2000 4900
2100 5000
2200 5100
2300 5200
2400 5300

SP 375
TIME VRS
0 1800
200 2000
300 2700
400 3100
500 3300
600 3500
700 3600
800 3700
900 3800
1000 3900
1100 4000
1200 4100
1300 4200
1400 4300
1500 4400
1600 4500
1700 4600
1800 4700
1900 4800
2000 4900
2100 5000
2200 5100
2300 5200
2400 5300

SP 275
TIME VRS
0 1800
200 2000
300 2700
400 3100
500 3300
600 3500
700 3600
800 3700
900 3800
1000 3900
1100 4000
1200 4100
1300 4200
1400 4300
1500 4400
1600 4500
1700 4600
1800 4700
1900 4800
2000 4900
2100 5000
2200 5100
2300 5200
2400 5300

SP 175
TIME VRS
0 1800
200 2000
300 2700
400 3100
500 3300
600 3500
700 3600
800 3700
900 3800
1000 3900
1100 4000
1200 4100
1300 4200
1400 4300
1500 4400
1600 4500
1700 4600
1800 4700
1900 4800
2000 4900
2100 5000
2200 5100
2300 5200
2400 5300

SP 125
TIME VRS
0 1800
200 2000
300 2700
400 3100
500 3300
600 3500
700 3600
800 3700
900 3800
1000 3900
1100 4000
1200 4100
1300 4200
1400 4300
1500 4400
1600 4500
1700 4600
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1900 4800
2000 4900
2100 5000
2200 5100
2300 5200
2400 5300



