

9220-AS1-1E

LINE W84-BX
SP 101-229
N.E.

MIGRATED STACK

TEXACO CANADA RESOURCES

NORMAN WELLS

SEFEL

SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED
JUNE 1984
G.C. PAUL CHERNOFF

FIELD RECORDING

SHOT BY WESTERNGEOPHYSICAL
DATE SHOT APRIL 1984
PARTY 367
SOURCE DYNAMITE
CHARGE 2 KG
DEPTH 14 M
PATTERN ONE HOLE
SHOT INTERVAL 132 M
GEOPHONE INTERVAL 33 M
PATTERN 9 OVER 33 M
TYPE SENSOR SM-7/30 HZ
NUMBER OF GROUPS 96
SPREAD 1584-33-X-33-1584
INSTRUMENT TYPE DFS V
TAPE FORMAT SEGB
GAIN MODE IPF
FIELD FILTER 12/128 HZ
NOTCH FILTER CUT
SAMPLE INTERVAL 2 MS

DIGITAL PROCESSING

1 DEMULTIPLEX AND BINARY GAIN REMOVAL
RECORD LENGTH 2 SECONDS
SAMPLE INTERVAL 2 MS
2 CDP GATHERS
FOLD 1200 PERCENT
3 AUTOMATIC GAIN RECOVERY
4 INSTRUMENT PHASE COMPENSATION
5 DECONVOLUTION-SPIKING
90 MS OPERATOR
PREWHITENING ONE PERCENT
WINDOW 100-1500 MS
6 DATUM AND HEATHERING STATICS
DATUM 100 M
REPLACEMENT VELOCITY 3500 M/S
HEATHERING VELOCITY 610 M/S
7 SURFACE CONSISTENT RESIDUAL STATICS
WINDOW 200-1500 MS
CORRELATION LAG +/- 40 MS
8 VELOCITY ANALYSIS
SEMBLANCE TYPE
9 NORMAL MOVEOUT
10 SURFACE CONSISTENT RESIDUAL STATICS
WINDOW 200-1500 MS
CORRELATION LAG +/- 30 MS
11 MUTE
0 MS AT 135 M
100 MS AT 150 M
650 MS AT 1584 M
12 CDP STACK
1200 PERCENT
13 BANDPASS FILTER
9/15-100/110 HZ
14 EQUALIZATION
15 MIGRATION
TIME DOMAIN WAVE EQUATION
90 PERCENT OF STACKING VELOCITIES USED
16 FILM DISPLAY
12 TP1
10 IPS

NORMAL POLARITY

