

PETREL CONSULTANTS LTD.

PROCESSED FOR
NSM RESOURCES LTD.
REVERSE POLARITY
AREA: LITTLE BEAR
LINE: 128
LOCATION: N.W.T.
NN 393 SHOT POINTS 101 SE

FIELD RECORDING

DATE: MARCH 1983
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 NS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 12 - 128 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK 14 HZ
COVERAGE 12800 SHOT INT. 134 M GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

COMPUTATIONS

STRUCTURAL DATUM 500 M
REPLACEMENT VELOCITY 3040 M/SEC

PROCESSING PARAMETERS

DATE: MAY 1983
1. DEMULTIPLEX SAMPLE RATE 4 NS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY TYPE: SPIKING
4. DECONVOLUTION GATE: 800 - 2200 NS.
OPERATOR LENGTH: 72 NS.
PRE-WHITENING: 5 %
WELL TOT
5. NMO
6. STATIC CORRECTIONS ELEV/TOP/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 500 - 2000 NS
11. FIRST BREAK MUTE TIME 0 DIST. 272
TIME 450 DIST. 306
TIME 770 DIST. 544
TIME 1400 DIST. 1632
12. STACK 12800
13. FILTER 0-1000 NS., 20/24-70/95
1250-2000 NS., 16/23-65/75
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION 90% OF RMS VELOCITIES
16. FILM DISPLAY 24 TR/IN 7.5 IN/SEC

9229-N9-3E

7300420
7304
100
FILE

ELEVATION IN METRES

