



PETREL CONSULTANTS LTD.

PROCESSED FOR
NSM RESOURCES LTD.
REVERSE POLARITY
AREA: LITTLE BEAR
LINE: 114A
LOCATION: N.W.T.
SW 969 SHOT POINTS 101 NE

FIELD RECORDING

DATE: MARCH 1993
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
RECORDER TYPE: DFG-U SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 12 - 120 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK 14 HZ
COVERAGE 12000 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 1993
1. DEMULTIPLEX SAMPLE RATE 4 MS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 800 - 2000 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 5 %
WELL TOT
5. NMO
6. STATIC CORRECTIONS ELEV/TUN/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. NMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 500 - 2000 MS.
11. FIRST BREAK NUTE TIME 0 DIST. 272
TIME 450 DIST. 306
TIME 770 DIST. 544
TIME 1400 DIST. 1632
12. STACK 12000
13. FILTER 0-1050 MS., 20/25-70/85
1250-3000 MS., 16/23-65/75
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION 90% OF RMS VELOCITIES
16. FILM DISPLAY 24 TR/IN 7.5 TR/SEC

0220-N9-9E



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