

PETREL CONSULTANTS LTD.

PROCESSED FOR
NSM RESOURCES LTD.
REVERSE POLARITY
AREA: LITTLE BEAR
LINE: 116
LOCATION: N.W.T.
NW 841 SHOT POINTS 85 SE

FIELD RECORDING

DATE: MARCH 1983
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
RECORDER TYPE: DFG-V 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 1200X SHOT INT. 134 M GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

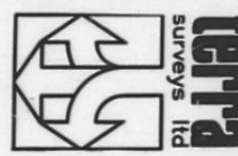
COMPUTATIONS

STRUCTURAL DATUM 500 M
REPLACEMENT VELOCITY 3840 M/SEC

PROCESSING PARAMETERS

DATE: MAY 1983
1. DEMULTIPLY SAMPLE RATE 4 MS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 800 - 2200 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 5 %
WELL TOT
5. NMO
6. STATIC CORRECTIONS ELEV/TOR/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS GATE: 500 - 2000 MS.
11. FIRST BREAK MUTE TIME 0 DIST. 272
TIME 450 DIST. 306
TIME 770 DIST. 544
TIME 1400 DIST. 1632
12. STACK 1200X
13. FILTER 0-1050 MS., 20/26-70/65
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 IN/SEC

9229-N9-3E



2060 Valley Rd
Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-9571
Cable: TERRA
Telex: 0533502

PROJ. NO. 9 2 2 9

N 9 - 3 E

LINE NO. 1 1 6

PART NO. 2 OF 2

R.R. 10X

1000
900
800
700
600
500
400
300
200
100
0

ELEVATION IN METRES

VATION IN METRES

