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PART NO.

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OF

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R.R. 10X

PETREL CONSULTANTS LTD.

PROCESSED FOR:
NSM RESOURCES LTD.

REVERSE POLARITY

AREA: LITTLE BEAR

LINE: 107

LOCATION: N.W.T.

SW 743 SHOT POINTS 101 NE

FIELD RECORDING

DATE: MARCH 1983
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
REORDER TYPE: DFS-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 1200% 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. DEMULTIPLY
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION
5. RMO
6. STATIC CORRECTIONS
7. GROUND STACK
8. COMMON OFFSET STACK
9. RMO
10. AUTOMATIC RESIDUAL STATICS
11. FIRST BREAK MUTE
12. STACK 1200%
13. FILTER
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION
16. FILM DISPLAY 24 TR/IN 7.5 IN/SEC

SAMPLE RATE 4 MS.
TYPE: SPIKING
GATE: 800 - 2000 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 5 %
WELL TOT
ELEV/TUR/DRIFT
GATE: 500 - 2000 MS.
TIME 0 DIST. 272
TIME 450 DIST. 306
TIME 770 DIST. 344
TIME 1400 DIST. 1632
0-1050 MS. 20/26-70/85
1200-2000 MS. 16/23-65/75
90% OF RMS VELOCITIES

9229-N9-SE 1

