



2080 Valley Rd.
Ottawa, Ont.
Canada K1G 3P5
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Cable TERRA

PROJ. NO. 9 2 2 9 - N 9 - 4 E

LINE NO. 8 4 - 1 2

PART NO. 1 OF 1

R.R. 10X

NSM RESOURCES LTD.

PROCESSED AT
PETREL CONSULTANTS LTD.
REVERSE POLARITY

AREA: ARROWHEAD
LINE: 84-12
LOCATION: N.W.T.
N 244 SHOT POINTS 101 E

FIELD RECORDING

DATE: MARCH 1984
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 2 KG. AT 10 M
RECORDER TYPE: DFS-U SAMPLE RATE 2 NS
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 8 - 120 HZ NOTCH: OUT
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK L20 14 HZ
COVERAGE 1200% SHOT INT. 132 M GROUP INT. 33 M
1584 - 33 X 33 - 1584

COMPUTATIONS

STRUCTURAL DATUM 385 M
REPLACEMENT VELOCITY 2440 M/SEC

PROCESSING PARAMETERS

DATE: MAY 1984
1. DEMULTIPLY SAMPLE RATE 2 NS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 500 - 2500 NS.
OPERATOR LENGTH: 72 NS.
PRE-WHITENING: 2 G
5. NMO WELL TOT
6. STATIC CORRECTIONS ELEV/TUN/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 300 - 1800 NS.
11. FIRST BREAK MUTE
TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 200 DIST. 302
TIME 600 DIST. 660
TIME 1000 DIST. 1504
TIME 1700 DIST. 2376
12. STACK 1200%
13. FILTER 12/16 - 85/100
14. TRACE EQUALIZATION
15. FILM DISPLAY 24 TR/IN 10 IN/SEC

TIME	VELOCITY
4	2100
200	2350
400	2600
600	2850
800	3100
1000	3350
1200	3600
1400	3850
1600	4100
1800	4350

