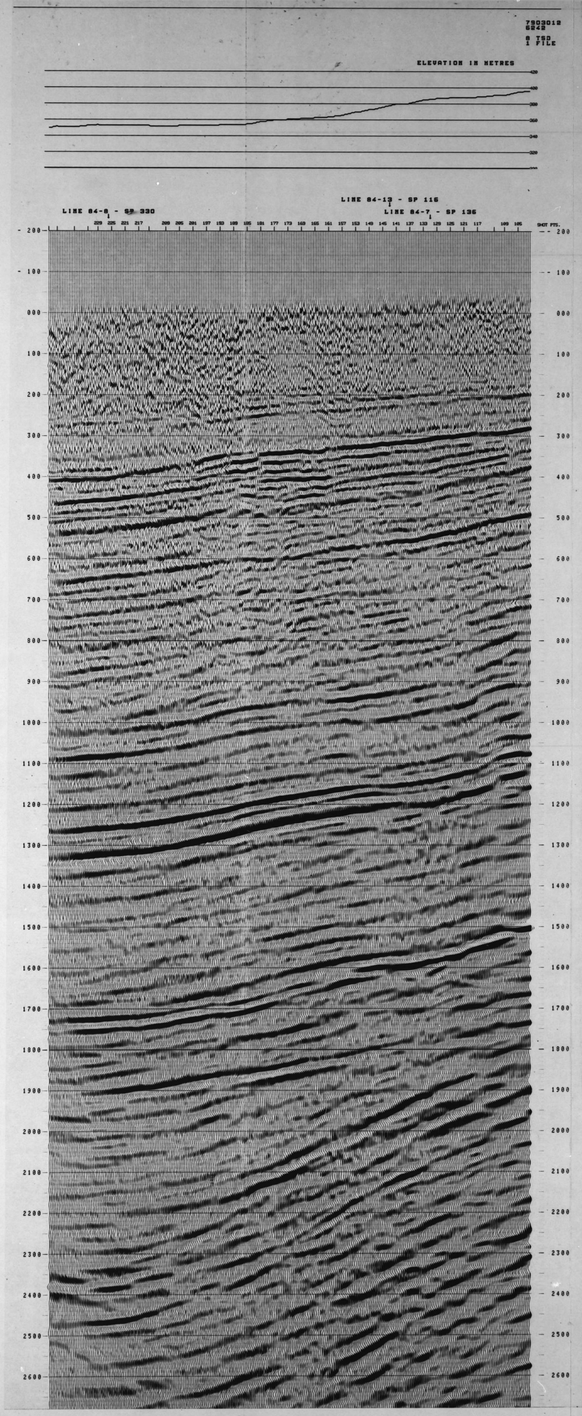

NSM RESOURCES LTD.

9229-N9-4E

PROCESSED AT

PETREL CONSULTANTS LTD.

NORMAL POLARITY

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

FIELD RECORDING

DATE: MARCH 1984
RECORDED BY: EMERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE .2 KG. AT 18 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 8 - 128 HZ NOTCH: OUT
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK L28 14 HZ
COVERAGE 1200% SHOT INT. 132 M GROUP INT. 33 M
1584 - 33 X 33 - 1584

COMPUTATIONS

STRUCTURAL DATUM 305 M
REPLACEMENT VELOCITY 2440 M/SEC

PROCESSING PARAMETERS

DATE: MAY 1984
1. DEMULTIPLEX SAMPLE RATE 2 MS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 500 - 2500 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 2 %
5. NMO WELL TOT
6. STATIC CORRECTIONS ELEV/TUH/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 300 - 1800 MS.
11. FIRST BREAK MUTE TIME 0 DIST. 101
TIME 150 DIST. 134
TIME 200 DIST. 302
TIME 600 DIST. 660
TIME 1200 DIST. 1584
TIME 1700 DIST. 2376
12. STACK 1200%
13. FILTER 12/16 - 85/100
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION
90 % OF RMS
16. FILM DISPLAY 24 TR/IN 10 IN/SEC

TIME	VELOCITY
4	2100
200	2350
400	2600
600	2950
900	3100
1100	3500
1600	3675
3600	4200
5000	4650

GETTY Geophysical Survey Ltd.
2060 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex 053-3602
Cable: TERRA

PROJ. NO. 9229-N9-4E

LINE NO. 84-12

PART NO. 1 OF 1

R.R. 10X