



9229-N9-2E

AREA: ARROWHEAD
LINE: 83-5
LOCATION: N.W.T.
W 397 SHOT POINTS 101 E

FIELD RECORDING

DATE: JAN. 1983
RECORDED BY: ENERTEC GEOPHYSICAL SERVICES LTD.
ENERGY SOURCE: DYNAMITE 1 HOLE AT 10.3 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 0 - 120 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: HARK 14 HZ
COVERAGE 1200% SHOT INT. 134 M GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

COMPUTATIONS

STRUCTURAL DATUM	305 M
REPLACEMENT VELOCITY	2440 M/SEC

PROCESSING PARAMETERS

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DATE: APRIL 1982
1. DEMULTIPLIER :SAMPLE RATE 4 MS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
      GATE: 500 - 2500 MS.
      OPERATOR LENGTH: 80 MS.
      PRE-WHITENING: 3 3
      WELL TOT
      ELEU/TUN/DRIFT
5. NMO
6. STATIC CORRECTIONS
7. BRUTE STACK
8. COMMON OFFSET STACK
9. NMO
10. AUTOMATIC RESIDUAL STACKS
      GATE: 620 - 2200 MS.
      TIME 0 DIST. 101
      TIME 150 DIST. 134
      TIME 200 DIST. 382
      TIME 1300 DIST. 1600
      TIME 2400 DIST. 3216
11. FIRST BREAK MUTE
12. STACK 1200%
13. FILTER 12/16 - 85/180
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION
      90% OF RMS VELOCITIES
16. FILM DISPLAY 24 TR/1R 10 IN/SEC
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TIME	VELOCITY
4	2100
200	2350
400	2600
600	2950
900	3100
1100	3500
1600	3675
3600	4200
5000	4650