



2080 Valley Rd. K1C 2A5
Tel: (613) 721-0571
Fax: (613) 721-0571
Cable: TERRA

PROJ. NO.

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LINE NO.

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PART NO.

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OF

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R.R. 8X



CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8009
SHOTS: 93-547
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEFEL GEOPHYSICAL LTD.
DATE SHOT: FEB. 1985

SPREAD: 88 TO 14 NE
STATION INTERVAL: 20 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1220-40-8-40-120 METERS
INSTRUMENTS: DIGI V
RECORD LENGTH: 4 SEC
FILTER: 12/18 - 128/72 HZ/96/OCT
NOTCH FILTER: OUT
TAPE FORMAT: SEIS 120 TRACES
RECEIVERS: GEOSPAC 06200 14 NE
TYPE: 9
NUMBER PER GROUP: 2.5 METERS
SOURCE: DYNAMITE
TYPE: 1/2 KG EACH HOLE
CHARGE SIZE: 3 HOLES W/INE OVER 80 M
SOURCE LAYOUT:

PROCESSING: SEISCOM DELTA UNITED (CANADA) LTD.
CENTER: CALGARY, ALBERTA DATE: MAY 1985

DEMULTIPLEX: 2 MS
PROCESSING SAMPLE RATE: 1.0 SEC
RECORD LENGTH: 8000 MS
REFORMAT TO: SEIS, 32 BIT, FLOATING POINT
AMPLITUDE RECOVERY: TO 600 MS
SPHERICAL DIVERGENCE: 14dB/SEC
EXPONENTIAL GAIN: 14dB/SEC
DECONVOLUTION: SPREAD: 80 MS
TIME CONSTANT: 80 MS
OPERATOR LENGTH: 80 MS
DESIGN WINDOW LENGTH: 600 MS
STATICS: DEPT SHOT AND RECEIVER STATICS
DYNAMIC: 300 METERS
REPLACEMENT VELOCITY: 4500 M/S
WEATHERING VELOCITY: 610 M/S
PRELIMINARY VELOCITY ANALYSIS: DOVE VELOCITY SPECTRA (DATUM REFERENCES)
TYPE: EVERY 4 CM
INTERVAL: 250 TO 650 MS
RESIDUAL STATICS: SURFACE CONSISTENT
TYPE: EVERY 2 CM
WINDOW: COMMON OFFSET STACK
VELOCITY ANALYSIS: DOVE VELOCITY SPECTRA (DATUM REFERENCES)
TYPE: EVERY 2 CM
INTERVAL: COMMON OFFSET STACK
NMO: INTERVAL VELOCITIES COMPUTED BY THE EQUATION
FRONT MUTE: RANGE (MS): 220
TIME (MS): 0
250
1250
2440
1100
CDP STACK: 1200T
WAVE EQUATION MIGRATION: 80 PCT OF INTERVAL VELOCITY APPLIED
FILTER: TRANSVERSAL, ZERO PHASE
TYPE: 20 - 25 - 60 - 100 HZ
TRACE EQUALIZATION: 400 MS
RECORD WINDOW LENGTH: 100
DISPLAY: 36 TR/INCH
HORIZONTAL SCALE: 7.5 INCHES/SEC
VERTICAL SCALE:

PROCESSED BY: W. DOUGHERTY
QUALITY CONTROL BY: C. MORRISON



