



2080 Valley Rd
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Canada
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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



98278

CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8025
SHOTS: 853-1031
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

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

SPREAD
SHOOTING DIRECTION: NE TO SW
STATION INTERVAL: 20 METERS
SHOT INTERVAL: 100 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1220-40-3-40-1220 METERS
INSTRUMENTS
TRACE MODEL: DFS V
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SEC
FILTER: 12 18 - 128 72 HZ DB OCT
NOTCH FILTER: OUT
TRACE FORMAT: SEGB 120 TRACES
RECEIVERS
TYPE: GEOSPAC GS200 14 HZ
NUMBER PER GROUP: 9
SPACING: 2.5 METERS
SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 1/8 KG. EACH HOLE
SOURCE LAYOUT: 5 HOLES IN LINE

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

DEMULPLEX
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 2.0 SEC
RECONSTRUCT TO: SECT. 32 BIT, FLOATING POINT
AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE: TO 600 MS.
EXPONENTIAL GAIN: 14dB SEC. FROM 0 TO 2000 MS.
DECONVOLUTION
TIME CONSTANT: 80 MS
OPERATOR LENGTH: 0.1
PREWHITE: 1100 MS.
STATICS
DRIFT SHOT AND RECEIVER STATICS: 750 METERS
DATUM: 2100 M.S.
REPLACEMENT VELOCITY: 610 M.S.
WEATHERING VELOCITY:
PRELIMINARY VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 4 KA
RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
WINDOW: 400 - 1100 MS
VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 2 KA
VERIFICATION: COMMON OFFSET STACK
NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION
FRONT MUTE
RANGE (M)
TIME (MS)
240 0
280 350
720 700
1220 900
2440 1800
TRIM STATICS
WINDOW: 400 - 1100 MS
MAXIMUM ALLOWABLE STATIC: 8 MS
CDP STACK
FOLD: 1200
WAVE EQUATION MIGRATION
80 PCT. OF INTERVAL VELOCITY APPLIED
FILTER
TYPE: TRAPEZOIDAL ZERO PHASE
20 - 25 - 75 - 95 HZ
TRACE EQUALIZATION
SLIDING WINDOW LENGTH: 400 MS
PERCENT: 100
DISPLAY
HORIZONTAL SCALE: 36 TR INCH
VERTICAL SCALE: 7.5 INCHES SEC
REMARKS: LINE TIES ESTIMATED FROM 111 M
PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON

