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Cable: TERRA

PROJ. NO. 9 2 2 9 - P 2 8 - 9 E

LINE NO. 8 0 2 9

PART NO. 1 OF 2

R.R. 8X

9 2 2 9 - P 2 8 - 9 E

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98274



CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8029
SHOTS: 100-378
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEFEL GEOPHYSICAL LTD.
DATE SHOT: FEB. 1985
SPREAD: NE TO SW
SHOOTING DIRECTION: 20 METERS
STATION INTERVAL: 100 METERS
SHOT INTERVAL: 120
NO. OF TRACES: 1220-40-X-40-1220 METERS
SPREAD CONFIGURATION: 1220-40-X-40-1220 METERS
INSTRUMENTS: DVS V
RECORD LENGTH: 2 MS
SAMPLE RATE: 4 SEC
RECORD LENGTH: 12/18 - 128/72 HZ/OB/OCT
NOTCH FILTER: OUT
TAPE FORMAT: SEOB 120 TRACES
RECEIVERS: GEOSPACE GS200 14 HZ
TYPE: 80 MS
SPACING: 2.5 METERS
SOURCE: DYNAMITE
TYPE: 5 HOLES EACH HOLE
CHARGE SIZE: 5 HOLES IN LINE
SOURCE LAYOUT:

PROCESSING: SEISCOM DELTA UNITED (CANADA) LTD.
CENTER: CALGARY, ALBERTA
DATE: APRIL 1985
DEMULPLEX: 2 MS
PROCESSING SAMPLE RATE: 2.0 SEC
PROCESSING RECORD LENGTH: 32 BIT, FLOATING POINT
SEGMENT TO: TO 600 MS.
AMPLITUDE RECOVERY: 14dB/SEC. FROM 0 TO 2000 MS.
SPHERICAL DIVERGENCE: TO 600 MS.
EXPONENTIAL GAIN: 14dB/SEC. FROM 0 TO 2000 MS.
DECONVOLUTION: SPEKING
TIME CONSTANT: 80 MS
TYPE: 0.13
OPERATOR LENGTH: 1100 MS.
PREWHITE: 1100 MS.
DESIGN WINDOW LENGTH: 1100 MS.
STATICS: DRIFT SHOT AND RECEIVER STATICS
DUTUM: 750 METERS
REPLACEMENT VELOCITY: 2100 M/S
WEATHERING VELOCITY: 610 M/S
PRELIMINARY VELOCITY ANALYSIS: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
TYPE: EVERY 4 KM
RESIDUAL STATICS: SURFACE CONSISTENT
TYPE: 400 - 1100 MS
WINDOW: 400 - 1100 MS
VELOCITY ANALYSIS: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
TYPE: EVERY 2 KM
INTERVAL: COMMON OFFSET STACK
NMO: INTERVAL VELOCITIES COMPUTED BY DIX EQUATION
FRONT MUTE: RANGE (M) TIME (MS)
340 0
350 250
720 700
1220 900
1840 1800
TRIM STATICS: WINDOW: 400 - 1100 MS
ALLOWABLE STATIC: 8 MS
CDP STACK: FOLD: 1200
WAVE EQUATION MIGRATION: 50 PCT. OF INTERVAL VELOCITY APPLIED
FILTER: TYPE: TRAPEZOIDAL, ZERO PHASE
20 - 25 - 75 - 95 HZ
TRACE EQUALIZATION: 400 MS
SLIDING WINDOW LENGTH: 100 S
PERCENT: 100 S
DISPLAY: HORIZONTAL SCALE: 36 TR/INCH
VERTICAL SCALE: 7.5 INCHES/SEC
HORIZONTAL LINE: 100 ESTIMATED FROM 0.1 M
SURFACE CONSISTENT SHOT AND RECEIVER STATICS PICKED BETWEEN SP. 316-348
PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON

