



CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8007
SHOTS: 94-472
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEFEL GEOPHYSICAL LTD.
DATE SHOT: MARCH 1985
SPREAD
SHOOTING DIRECTION: NE TO SW
STATION INTERVAL: 20 METERS
SHOT INTERVAL: 100 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1200-40-5-40-1200 METERS
INSTRUMENTS
TYPE: DTS V
SERIALS: 400 474 5040 4008
400 474 5040 4008
RECORD LENGTH: 4 SEC
FILTERS: 12/18 - 138/72 HZ/OB/OCT
NOTCH FILTER: ON
TIME FORMAT: SECS 120 TRACES
RECEIVERS
TYPE: GEOPHYSICAL 08200 14 HE
NUMBER PER GROUP: P
SPACING: 2.5 METERS
SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 1/2 KG EACH HOLE
SOURCE LAYOUT: 2 OR 3 HOLES IN LINE OVER 80 M

PROCESSING: SEISCOM DELTA UNITED (CANADA) LTD.
CENTER: CALGARY, ALBERTA
DATE: MAY 1985
DEMULTIPLEX
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 1.0 SEC
REFORMAT TO: MEQ, 12 BIT, FLOATING POINT
AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE: TO 600 MS
EXPONENTIAL GAIN: 14dB/SEC
DECONVOLUTION
TYPE: TIME CONSTANT
OPERATOR LENGTH: 80 MS
REWRITE: 0.15
DESIGN WINDOW LENGTH: 600 MS
STATICS
SHIFT SHOT AND RECEIVER STATICS: 300 METERS
DATELINE: 4000 MS
WEATHERING VELOCITY: 410 MS
PRELIMINARY VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCES)
INTERVAL: EVERY 4 KA
RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
WINDOW: 350 TO 650 MS
VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCES)
INTERVAL: EVERY 2 KA
VERIFICATION: COMMON OFFSET STACK
NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION
FRONT MUTE
RANGE (M): 200
TIME (MS): 5
200
1200
2400
CDP STACK
FOLD: 1200X
WAVE EQUATION MIGRATION
NO PCT. OF INTERVAL VELOCITY APPLIED
FILTER
TYPE: TRANSFERRED ZERO PHASE
20 - 25 - 55 - 100 HZ
TRACE EQUALIZATION
SIGNAL WINDOW LENGTH: 400 MS
PERCENT: 100
DISPLAY
HORIZONTAL SCALE: 50 FT/INCH
VERTICAL SCALE: 7.5 INCHES/SEC
REMARKS
TIME 100% ESTIMATED FROM U.S.A.
SURFACE CONSISTENT SHOT & RECEIVER STATICS PICKED BETWEEN 0.8 SEC - 200

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



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PROJ. NO.

9

2

2

9

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P

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8

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9

E

LINE NO.

8

0

0

7

PART NO.

2

OF

3

R.R. 8X



