

CLIENT: PETRO-CANADA  
AREA: CAMERON HILLS  
LINE: 8013 (10 METERS GROUP INTERVAL)  
SHOTS: 230 - 300  
LOCATION: NORTHWEST TERRITORIES  
NTS: 85C  
FOLD: 600%  
POLARITY: NORMAL  
PROCESS: MIGRATED STACK

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

SPREAD: 90 TO SW  
STATION INTERVAL: 10 METERS  
SHOT INTERVAL: 6.0 METERS  
NO. OF TRACES: 120  
SPREAD CONFIGURATION: 410-20-20-410 METERS  
INSTRUMENTS: 985 V  
SAMPLE RATE: 2 MS  
RECORD LENGTH: 4 SEC  
FILTER: 12/18 - 128/72 HZ/OCT  
OUT: 120 TRACES  
TAPE FORMAT: 985 120 TRACES  
RECEIVERS: TYPE: GEOPHYSICAL 6030 14 HZ  
NUMBER PER GROUP: 9  
SPACING: 1.2 METERS  
SOURCE: TYPE: DYNAMITE  
CHARGE SIZE: 1/2 KG. EACH HOLE  
SOURCE LAYOUT: 2 HOLE SPACING, 15 M. FROM S.P.

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

DEMULATREX: 2 MS  
PROCESSING SAMPLE RATE: 1.5 SEC  
REFORMAT TO: SECT. 23 MET. FLOATING POINT  
AMPLITUDE RECOVERY: TO 600 MS.  
SPHERICAL DIVERGENCE: 14.4/SEC.  
DECONVOLUTION: 14.4/SEC.  
TIME CONSTANT: 200 MS  
TYPE: 80 MS  
OPERATOR LENGTH: 0.15  
PREHITS: 650 MS  
DESIGN WINDOW LENGTH: 650 MS  
STATICS: DEPT SHOT AND RECEIVER STATICS  
DATA: 200 METERS  
REPLACEMENT VELOCITY: 4500 M/S  
WEATHERING VELOCITY: 610 M/S  
PRELIMINARY VELOCITY ANALYSIS: DOVE VELOCITY SPECTRA (DATUM REFERENCE)  
TYPE: EVERY 4 KM  
RESIDUAL STATICS: SURFACE CORRECTION  
TYPE: 350 TO 450 MS  
VELOCITY ANALYSIS: DOVE VELOCITY SPECTRA (DATUM REFERENCE)  
TYPE: EVERY 2 KM  
VERIFICATION: COMMON OFFSET STACK  
NMO: INTERVAL VELOCITIES COMPUTED BY DIX EQUATION  
FRONT MUTE: RANGE (MS): 110  
TIME (MS): 0  
130 200  
410 1000  
1220 1100  
CDP STACK: FOLD: 600%  
WAVE EQUATION MIGRATION: 80 PCT. OF INTERVAL VELOCITY APPLIED  
FILTER: TYPE: TRAPEZOIDAL, ZERO PHASE  
20 - 25 - 80 - 100 HZ  
TRACE EQUALIZATION: 400 MS  
SECOND WINDOW LENGTH: 100  
DISPLAY: HORIZONTAL SCALE: 50 TR/INCH  
VERTICAL SCALE: 7.2 INCH/SEC  
REMARKS: LINE TIES ESTIMATED FROM UTM.

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

