

CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8015
SHOTS: 101 - 359
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEPEL 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: 1200-40-8-40-1200 METERS

INSTRUMENTS
NAME/MODEL: DVS V
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SEC
FILTER: 120 Hz - 120 Hz/20 Hz/OCT
NOTCH FILTER: -
TAPES FORMATS: 3000 120 TRACES

RECEIVERS
TYPE: GEOSPAC 02300 14 HZ
NUMBER PER GROUP: 9
SPACING: 2.5 METERS

SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 1/2 LB. EACH HOLE
SOURCE LAYOUT: 2 OR 3 HOLES INLINE OVER 20 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: 3000, 32 BIT, FLOATING POINT

AMPLITUDE-RECOVERY
SPHERICAL DIVERGENCE: TO 600 MS.
EXPONENTIAL GAIN: 14dB/SEC.

DECONVOLUTION
TIME CONSTANT: SPREADING
OPERATOR LENGTH: 80 MS
REVERSE: 0.12
DESIGN WINDOW LENGTH: 650 MS

STATICS
DATE SHOT AND RECEIVER STATICS
DYNAMIC: 300 METERS
REPLACEMENT VELOCITY: 4500 M/S
WEATHERING VELOCITY: 610 M/S

PRELIMINARY VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 4 KM

RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
WINDOW: 350 TO 650 MS

VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 2 KM
VERIFICATION: COMMON OFFSET STACK

NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION

FRONT MUTE
RANGE (M): 200
TIME (MS): 2
250 200
1250 1000
2440 1100

CDP STACK
FOUR: 1200S

WAVE EQUATION MIGRATION
80 PER. OF INTERVAL VELOCITY APPLIED

FILTER
TYPE: TRAPEZOIDAL, ZERO PHASE
20 - 25 - 80 - 100 HZ

TRACE EQUALIZATION
SIGNAL WINDOW LENGTH: 400 MS
FREQUENCY: 100

DISPLAY
HORIZONTAL SCALE: 95 IN/INCH
VERTICAL SCALE: 2.5 INCHES/SEC

REMARKS
LINE TIES ESTIMATED FROM U.T.M.

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



2000 Valley Rd
Canada K1G 3P5
Tel: (613) 731-9571
Cable: TERRA

PROJ. NO.

9 2 2 9 - P 2 8 - 9 E

LINE NO.

8 0 1 5

PART NO.

2 OF 2

R.R. 8X

ELEV
METERS
OFEL

STACK
FOLD

STATICS
MS
TOTAL

SP 347
TIME DEPTH V-RANGE V-INT
MS M M-S M-S
1 1 1000 3300
2 2 1000 3300
3 3 1000 3300
4 4 1000 3300
5 5 1000 3300
6 6 1000 3300
7 7 1000 3300
8 8 1000 3300
9 9 1000 3300
10 10 1000 3300

SP 336
TIME DEPTH V-RANGE V-INT
MS M M-S M-S
1 1 1000 3300
2 2 1000 3300
3 3 1000 3300
4 4 1000 3300
5 5 1000 3300
6 6 1000 3300
7 7 1000 3300
8 8 1000 3300
9 9 1000 3300
10 10 1000 3300

SP 313
TIME DEPTH V-RANGE V-INT
MS M M-S M-S
1 1 1000 3300
2 2 1000 3300
3 3 1000 3300
4 4 1000 3300
5 5 1000 3300
6 6 1000 3300
7 7 1000 3300
8 8 1000 3300
9 9 1000 3300
10 10 1000 3300

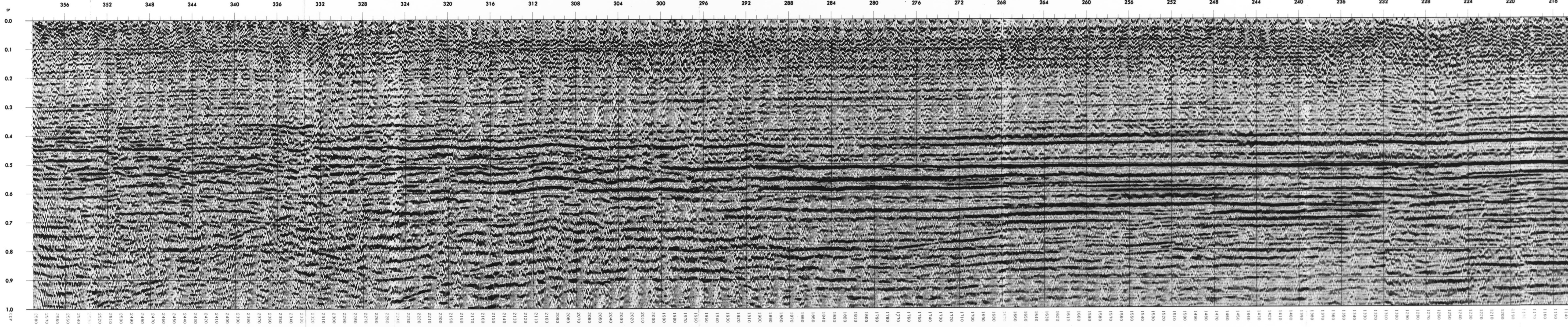
SP 291
TIME DEPTH V-RANGE V-INT
MS M M-S M-S
1 1 1000 3300
2 2 1000 3300
3 3 1000 3300
4 4 1000 3300
5 5 1000 3300
6 6 1000 3300
7 7 1000 3300
8 8 1000 3300
9 9 1000 3300
10 10 1000 3300

SP 275
TIME DEPTH V-RANGE V-INT
MS M M-S M-S
1 1 1000 3300
2 2 1000 3300
3 3 1000 3300
4 4 1000 3300
5 5 1000 3300
6 6 1000 3300
7 7 1000 3300
8 8 1000 3300
9 9 1000 3300
10 10 1000 3300

SP 255
TIME DEPTH V-RANGE V-INT
MS M M-S M-S
1 1 1000 3300
2 2 1000 3300
3 3 1000 3300
4 4 1000 3300
5 5 1000 3300
6 6 1000 3300
7 7 1000 3300
8 8 1000 3300
9 9 1000 3300
10 10 1000 3300

SP 232
TIME DEPTH V-RANGE V-INT
MS M M-S M-S
1 1 1000 3300
2 2 1000 3300
3 3 1000 3300
4 4 1000 3300
5 5 1000 3300
6 6 1000 3300
7 7 1000 3300
8 8 1000 3300
9 9 1000 3300
10 10 1000 3300

SP 215
TIME DEPTH V-RANGE V-INT
MS M M-S M-S
1 1 1000 3300
2 2 1000 3300
3 3 1000 3300
4 4 1000 3300
5 5 1000 3300
6 6 1000 3300
7 7 1000 3300
8 8 1000 3300
9 9 1000 3300
10 10 1000 3300



THIS PLOT PRODUCED BY SEISCHROME II