

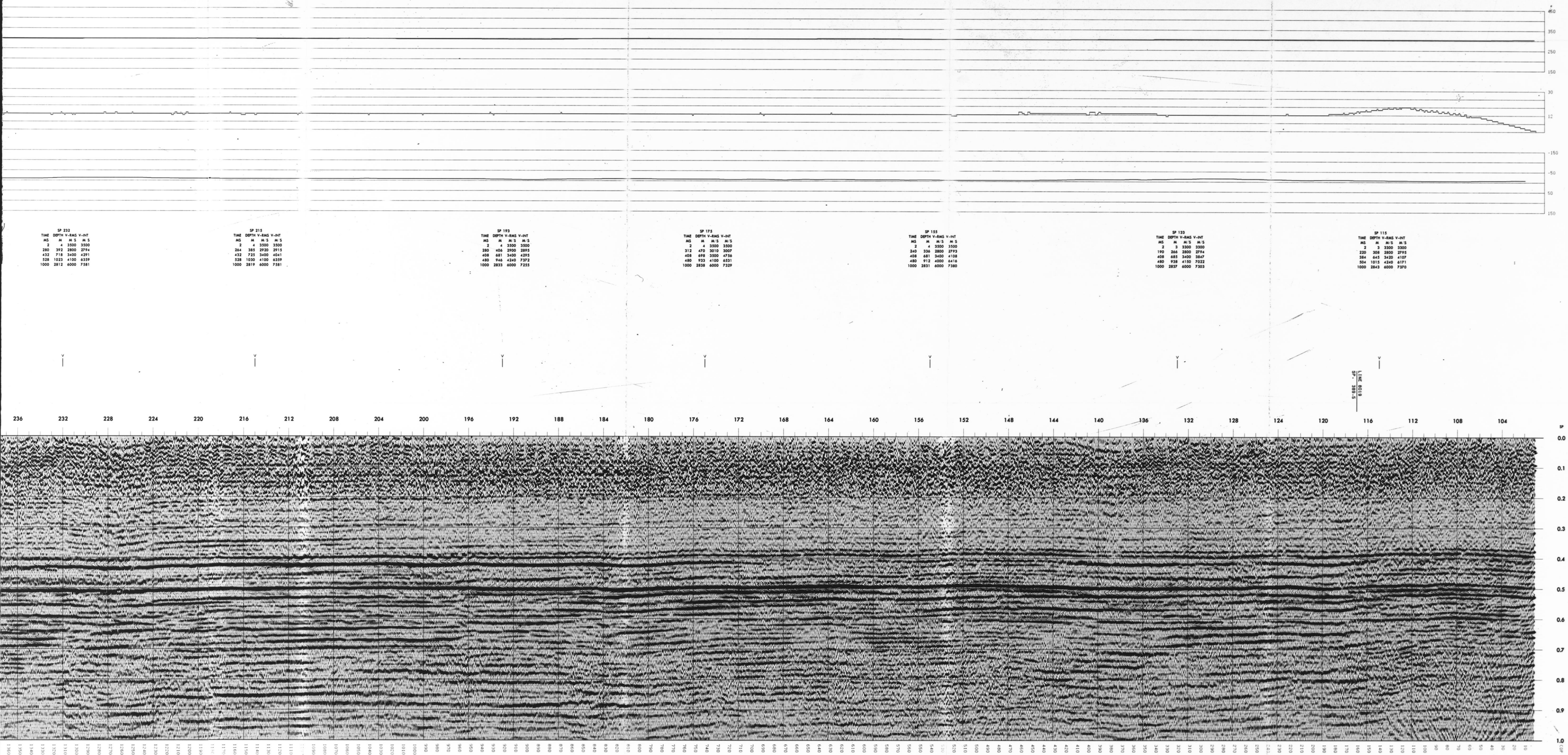


CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8015
SHOTS: 101-359
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEFEL GEOPHYSICAL LTD.
DATE SHOT: MARCH 1985
SPREAD
SHOOTING DIRECTION: NE TO SW
STATION INTERVAL: 30 METERS
SHOT INTERVAL: 100 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1200-40-2-40-1200 METERS
INSTRUMENTS
RECORDING: DPE V
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SEC
FILTER: 10/18 - 120/72 HZ/DB/OCT
NOTCH FILTER: OFF
FAKE FORMAT: SEOF 120 TRACES
RECEIVERS
TYPE: GEOPACE 03300 14 HZ
NUMBER PER GROUP: 9
SPACING: 2.5 METERS
SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 1/2 KIL. 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
DEMULTIPLY
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 1.0 SEC
FORMAT TO: SEOF, 32 BIT, FLOATING POINT
AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE: TO 600 MS
EXHONENTIAL GAIN: 14dB/SEC
DECONVOLUTION
TIME CONSTANT: 80 MS
TYPE: SPREAD
OPERATOR LENGTH: 0.15
PREWITS: 600 MS
WINDOW LENGTH: 600 MS
STATICS
DRIFT SHOT AND RECEIVER STATICS: 300 METERS
DATELINE: 4500 MS
REPLACEMENT VELOCITY: 4500 MS
WEATHERING VELOCITY: 610 MS
PRELIMINARY VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCES)
INTERVAL: EVERY 4 CM
RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
INTERVAL: 300 TO 600 MS
VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCES)
INTERVAL: EVERY 2 CM
VERIFICATION: COMMON OFFSET STACK
NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION
FRONT MUTE
RANGE (M): 200
TIME (MS): 0
200
300
1200
2400
CDP STACK
FOLD: 1200
WAVE EQUATION MIGRATION
FOLD: 60 PCT. OF INTERVAL VELOCITY APPLIED
FILTER
TYPE: TRAVERSICAL, ZERO PHASE
20 - 25 - 80 - 100 HZ
TRACE EQUALIZATION
SLIDING WINDOW LENGTH: 400 MS
PREWITS: 100
DISPLAY
HORIZONTAL SCALE: 50 CM/INCH
VERTICAL SCALE: 7.5 INCHES/SEC
REMARKS
LINE THIS ESTIMATED FROM LIT.

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



SP 232 TIME DEPTH V-ANAL V-INT
NO. H. H-1. H-1.5
2 4 3000 3000
360 372 3800 3794
432 718 2400 4291
528 1025 4100 4239
1000 2813 6000 7381

SP 215 TIME DEPTH V-ANAL V-INT
NO. H. H-1. H-1.5
2 4 3000 3000
364 385 3700 3715
432 732 2400 4291
528 1030 4100 4239
1000 2819 6000 7381

SP 193 TIME DEPTH V-ANAL V-INT
NO. H. H-1. H-1.5
2 4 3000 3000
312 476 3010 3007
408 698 3000 4718
480 933 4100 4231
1000 2828 6000 7381

SP 175 TIME DEPTH V-ANAL V-INT
NO. H. H-1. H-1.5
2 4 3000 3000
360 380 3800 3793
408 681 3000 4708
480 912 4000 4416
1000 2831 6000 7380

SP 153 TIME DEPTH V-ANAL V-INT
NO. H. H-1. H-1.5
2 4 3000 3000
360 380 3800 3793
408 681 3000 4708
480 912 4000 4416
1000 2831 6000 7380

SP 133 TIME DEPTH V-ANAL V-INT
NO. H. H-1. H-1.5
2 4 3000 3000
360 380 3800 3793
408 681 3000 4708
480 912 4000 4416
1000 2831 6000 7380

SP 115 TIME DEPTH V-ANAL V-INT
NO. H. H-1. H-1.5
2 4 3000 3000
360 380 3800 3793
408 681 3000 4708
480 912 4000 4416
1000 2831 6000 7380

