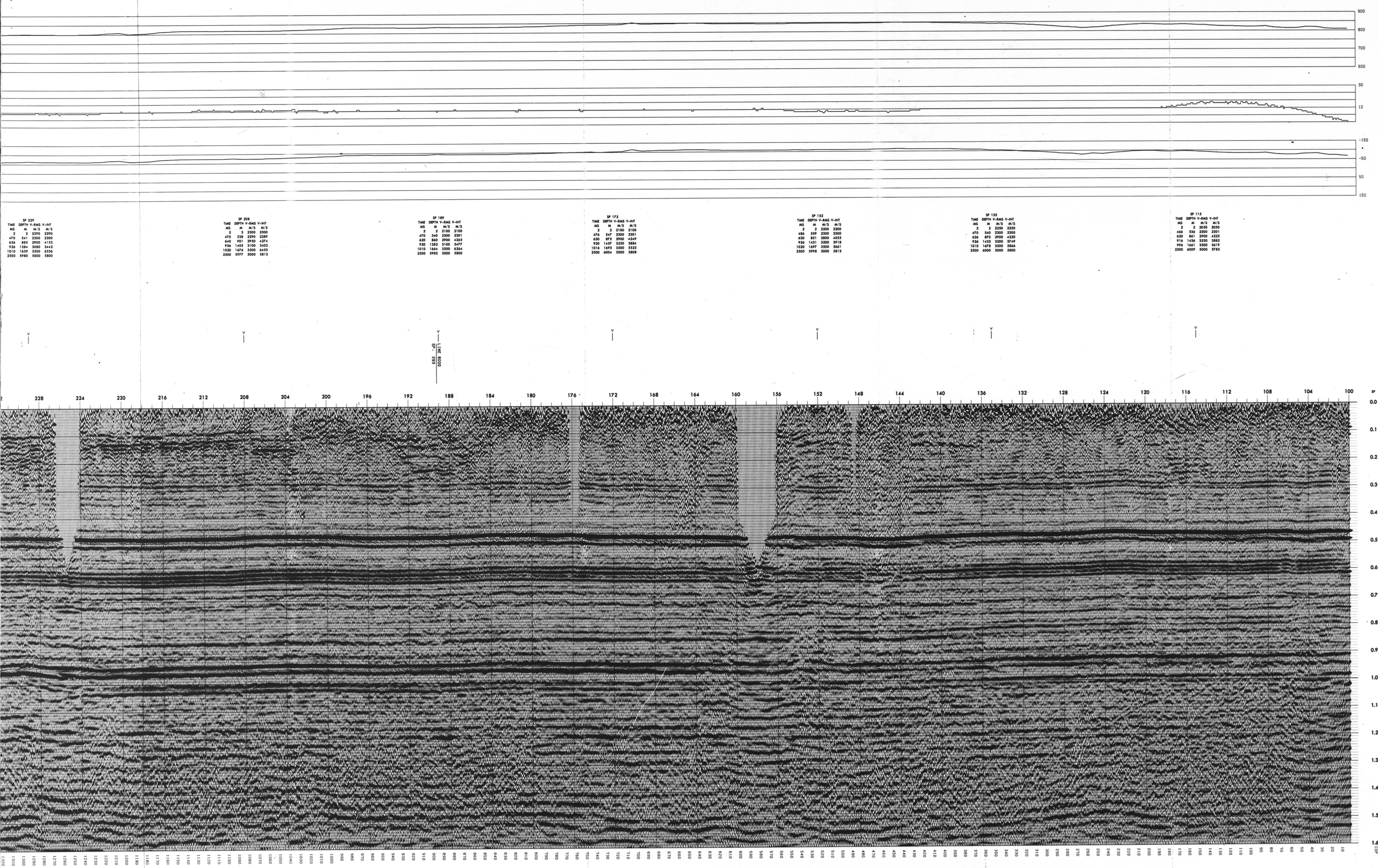




CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8029
SHOTS: 100-378
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

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

SPREAD
SHOOTING DIRECTION: NE TO SW
STATION INTERVAL: 20 METERS
SHOT INTERVAL: 100 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1200-40-X-40-1220 METERS

INSTRUMENTS
MAKE/MODEL: DVS V
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SEC
FILTER: 12/18 - 128/72 HZ/OB/OCT
NOTCH FILTER: -
TAPE FORMAT: SEGB 120 TRACES

RECEIVERS
TYPE: GEOSPAC 05200 14 HZ
NUMBER PER GROUP: 9
SPACING: 2.5 METERS

SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 1/2 KG. EACH HOLE
SOURCE LAYOUT: 5 HOLES IN LINE

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

DEMUTIPLEX
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 2.0 SEC
REPRESENT TO: 80% 22 BIT, FLOATING POINT

AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE: TO 600 MS.
EXPONENTIAL GAIN: 14dB/SEC. FROM 0 TO 2000 MS.

DECONVOLUTION
TIME CONSTANT: 80 MS
OPERATOR LENGTH: 80 MS
PREWHITE: 0.1%
DESIGN WINDOW LENGTH: 1100 MS.

STATICS
DRIFT SHOT AND RECEIVER STATICS
DATUM: 750 METERS
REPLACEMENT VELOCITY: 2100 M/S
WEATHERING VELOCITY: 610 M/S

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

RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
WINDOW: 400 - 1100 MS

VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DATUM REFERENCED)
INTERVAL: EVERY 4 KA
VERIFICATION: COMMON OFFSET STACK

NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION

FRONT MUTE
RANGE (M) TIME (MS)
240 0
280 350
720 700
1220 900
2440 1800

TRIM STATICS
WINDOW: 400 - 1100 MS
MAXIMUM ALLOWABLE STATIC: 8 MS.

CDP STACK
FOLD: 1200

WAVE EQUATION MIGRATION
80 PCT. OF INTERVAL VELOCITY APPLIED

FILTER
TYPE: TRAPEZOIDAL, 1200 PHASE
20 - 25 - 75 - 95 HZ

TRACE EQUALIZATION
SLIDING WINDOW LENGTH: 400 MS
PERCENT: 100 %

DISPLAY
HORIZONTAL SCALE: 36 IN/INCH
VERTICAL SCALE: 7.5 INCHES/SEC

REMARKS: LINE TIES ESTIMATED FROM U.T.M.
SURFACE CONSISTENT SHOT AND RECEIVER STATICS PICKED BETWEEN SP. 316-348

PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON



SP 248				SP 229			
TIME	DEPTH	V-ANG	V-DIP	TIME	DEPTH	V-ANG	V-DIP
MS	M	M/S	M/S	MS	M	M/S	M/S
2	2	2100	2100	2	2	2290	2290
470	531	2260	2261	470	541	2300	2300
646	901	2920	4202	636	885	2900	4153
950	1647	3150	5090	926	1384	3080	3442
1040	1720	3500	4048	1010	1659	3500	4324
2500	5981	5000	5838	2500	5980	5000	5800