

2050 Wadsworth Rd.
Calgary, Alberta T2C 3S5
Tel: (403) 243-8571
Cable: TERESA

PROJ. NO. 9 2 2 9 - P 2 8 - 9 E

LINE NO. 8 0 2 9

PART NO. 1 OF 2

R.R. 8X

9 2 2 9 - P 2 8 - 9 E



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: 1220-40-X-40-1220 METERS

INSTRUMENTS
NAME/MODEL: DVS V
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SEC
FILTER: 12/18 - 128/72 HZ/D9/OCT
NOTCH FILTER: OUT
TAPE FORMAT: SEOB 120 TRACES

RECEIVERS
TYPE: GEOSPACE GS200 14 HZ
NUMBER PER GROUP: 9
SPACING: 2.5 METERS

SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 120 KG EACH HOLE
SOURCE LAYOUT: 5 HOLES IN LINE

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

DEMULPLEX
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 2.0 SEC
REFORMAT TO: SEOB, 22 BIT, FLOATING POINT

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

DECONVOLUTION
TIME CONSTANT: SPREADING
TYPE: 80 MS
OPERATOR LENGTH: 0.15
PREWRITE: 1100 MS
DESIGN WINDOW LENGTH: 1100 MS

STATICS
DEPT SHOT AND RECEIVER STATICS: 750 METERS
DATUM: 2100 M/S
REPLACEMENT VELOCITY: 610 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: 400 - 1100 MS

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

NMO
INTERVAL VELOCITIES COMPUTED BY DIK 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, ZERO PHASE
20 - 25 - 75 - 95 HZ

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

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

REMARKS: LINE TIES ESTIMATED FROM 1.1 M SURFACE CONSISTENT SHOT AND RECEIVER STATICS PICKED BETWEEN SP. 316-348

PROCESSED BY: PHILIP LEUNG
QUALITY CONTROL BY: CAROL MORRISON



2080 Wabash Rd. Ottawa, Ont.
Tel: (613) 731-8971
Fax: (613) 731-8972
Cable: TERRA

PROJ. NO.

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LINE NO.

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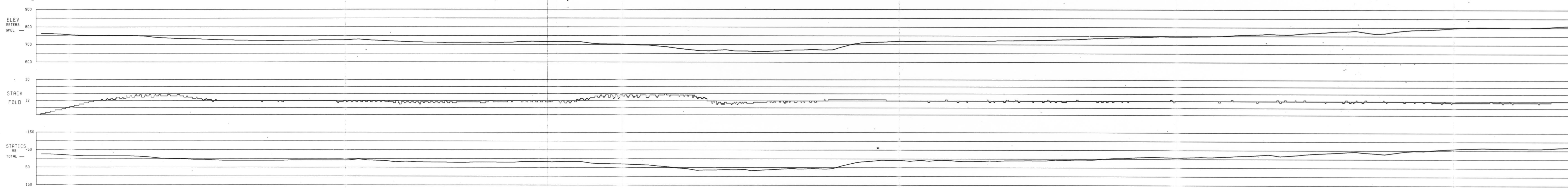
PART NO.

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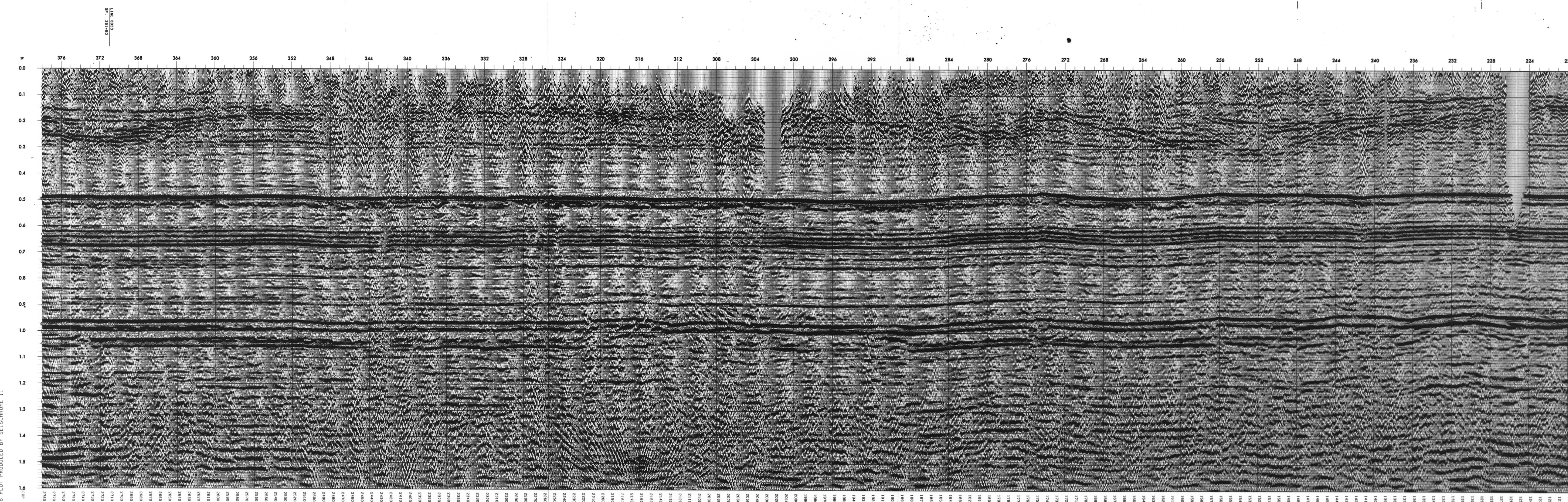
OF

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R.R. 8X



SP 248				SP 229			
TIME	DEPTH	V-ANG	V-DIP	TIME	DEPTH	V-ANG	V-DIP
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
0.2	0.2	0.0	0.0	0.2	0.2	0.0	0.0
0.3	0.3	0.0	0.0	0.3	0.3	0.0	0.0
0.4	0.4	0.0	0.0	0.4	0.4	0.0	0.0
0.5	0.5	0.0	0.0	0.5	0.5	0.0	0.0
0.6	0.6	0.0	0.0	0.6	0.6	0.0	0.0
0.7	0.7	0.0	0.0	0.7	0.7	0.0	0.0
0.8	0.8	0.0	0.0	0.8	0.8	0.0	0.0
0.9	0.9	0.0	0.0	0.9	0.9	0.0	0.0
1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0
1.1	1.1	0.0	0.0	1.1	1.1	0.0	0.0
1.2	1.2	0.0	0.0	1.2	1.2	0.0	0.0
1.3	1.3	0.0	0.0	1.3	1.3	0.0	0.0
1.4	1.4	0.0	0.0	1.4	1.4	0.0	0.0
1.5	1.5	0.0	0.0	1.5	1.5	0.0	0.0
1.6	1.6	0.0	0.0	1.6	1.6	0.0	0.0



JOB: CHEROKEE LINE 8029
DESC: MIGRATED STACK - NORMAL
THIS PLOT PRODUCED BY SEISCHIME II