41752 R516-03

Seismic Data United

CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8011
SHOTS: 100-565
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
- MAKE/MODEL: DFS V
- SAMPLE RATE: 2 MS
- RECORD LENGTH: 4 SEC
- FILTER: 12/18 - 128/72 HZ/DB/OCT
- NOTCH FILTER: OUT
- TAPE FORMAT: SEGB 120 TRACES

RECEIVERS
- TYPE: GEOSPACE GS32D 14 HZ
- NUMBER PER GROUP: 9
- SPACING: 2.5 METERS

SOURCE
- TYPE: DYNAMITE
- CHARGE SIZE: 1/2 KG. EACH HOLE
- SOURCE LAYOUT: SINGLE HOLE ON 9 HOLES

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: SEGY, 32 BIT, FLOATING POINT

AMPLITUDE RECOVERY
- SPHERICAL DIVERGENCE: TO 600 MS.
- EXPONENTIAL GAIN: 1+dB/SEC.

DECONVOLUTION
- TIME CONSTANT
- TYPE: SPIKING
- OPERATOR LENGTH: 80 MS
- PREWHITE: 0.1%
- DESIGN WINDOW LENGTH: 650 MS.

STATICS
- DRIFT SHOT AND RECEIVER STATICS
- DATUM: 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) | TIME (MS) |
|---|---|
| 220 | 0 |
| 340 | 500 |
| 1220 | 1000 |
| 2440 | 1100 |

CDP STACK
- FOLD: 1200%

WAVE EQUATION MIGRATION
- 80 PCT. OF INTERVAL VELOCITY APPLIED

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

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

DISPLAY
- HORIZONTAL SCALE: 26 TR/INCH
- VERTICAL SCALE: 7.5 INCHES/SEC

REMARKS
- LINE TIES ESTIMATED FROM U.T.M.

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


Seismic Data United
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Cable: TERRA


PROJ. NO. 92299-P28-9E

LINE NO. 8011

PART NO. 1 OF 3

R.R. 8X

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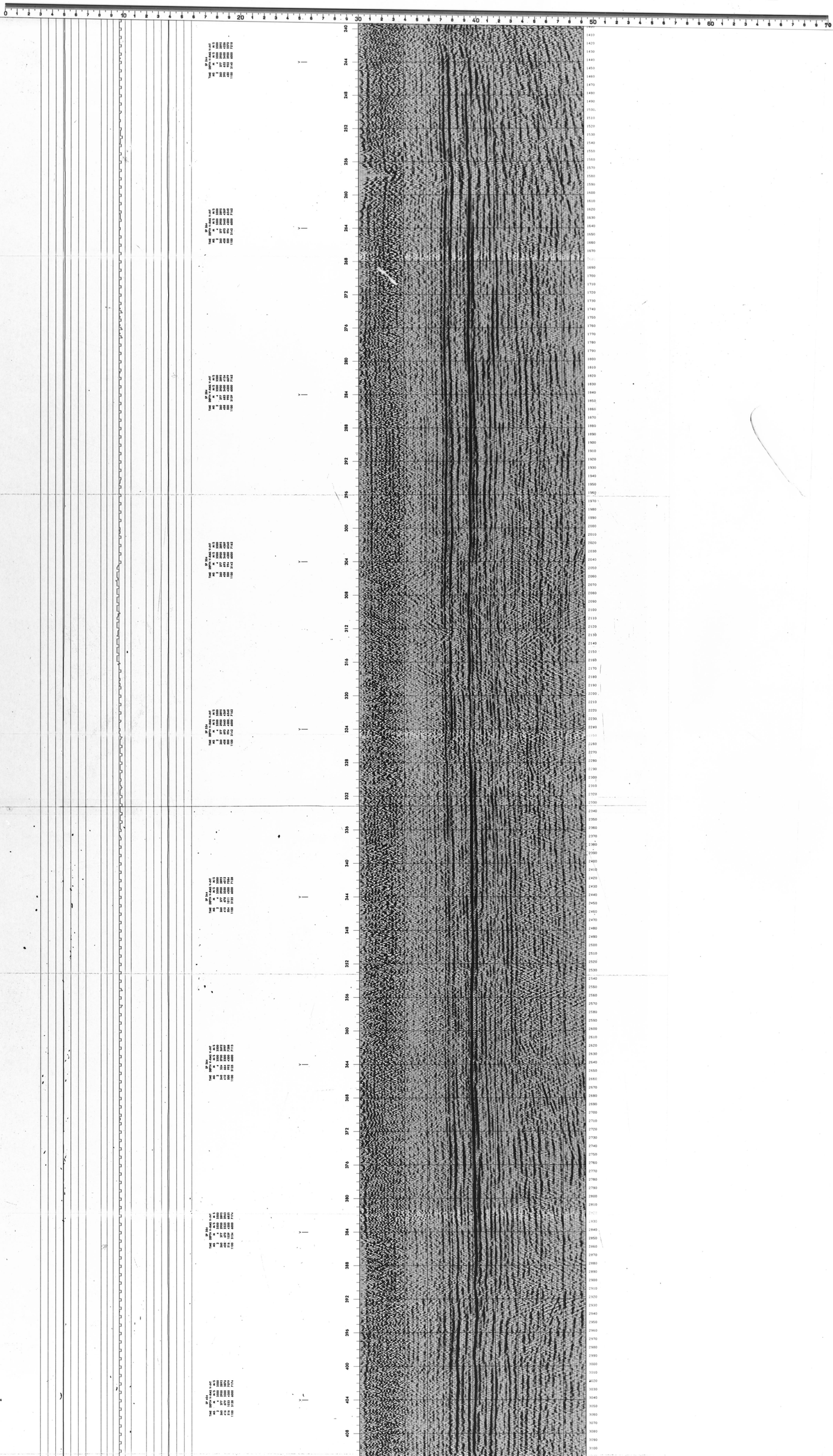
PROJ. NO. 9229-P28-9E

LINE NO. 8011

PART NO. 2 OF 3

R.R. 8X



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