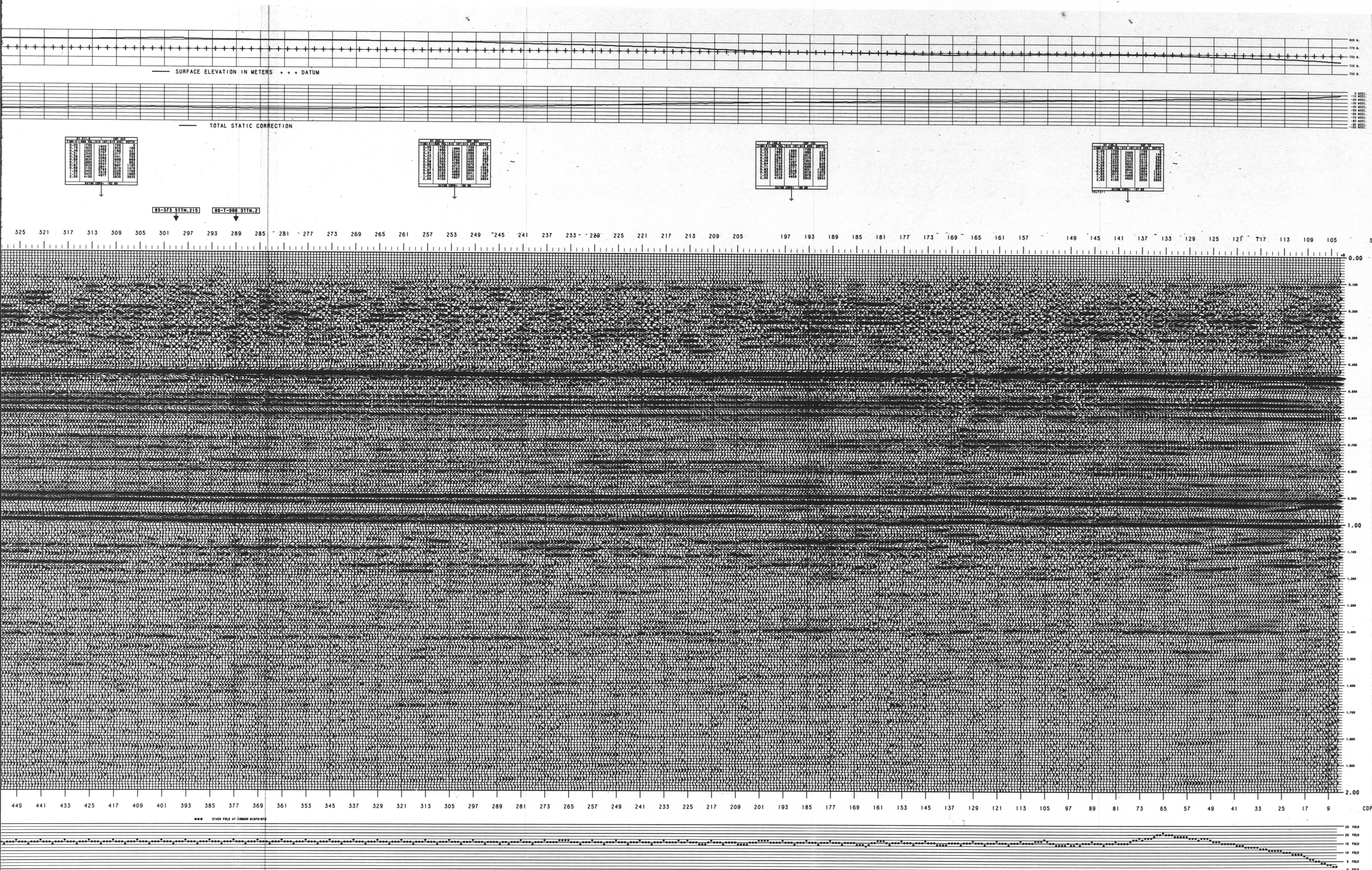




9 2 2 0 - 0 2 0 - 1 E

'NORTH'

LINE: 85-371 *81a-144-110*

WESTERN GEOPHYSICAL LTD.
CALGARY ALBERTA
PROCESSING DATE: APRIL 1986
PROCESSED FOR: CANADIAN SUPERIOR OIL LTD.

AREA : CAMERON HILLS
LINE : 85-371
S.P. : 101 - 477
DIR. : NORTH - SOUTH
NTS GRID : 84 N-13/14
NTS GRID : 85 C-3/4
LOCATION : T126 R18-21 W5M+NWT
POLARITY : REVERSE
AFE : G3 - 634
DATUM ELEV. : 750 M
REF. VEL. : 2250 M/S

STRUCTURAL STACK

FIELD PARAMETERS

SHOT FOR: CANADIAN SUPERIOR OIL LTD.
SHOT BY: SONIX EXPLORATION LTD.
DATE: MARCH 1986

SPREAD
SHOOTING DIRECTION: N - S
FOLD: 1500Z
STATION INT.: 18 M
SHOT PT. INT.: 72 M
SPREAD: (TRY) 1 60 61 120
DIST: (M) 1152 -- 90 X 90 --- 1152

RECEIVER
MAKE/MODEL/TYPE: OYO / 14HZ
NUMBER PER GROUP: 9
SPACING: 2.25M
ARRAY: IN LINE

SOURCE
TYPE: VIBROSEIS
VIBRATOR MODEL: LRS-315
NUMBER OF SOURCES: 3
DRAG LENGTH: 7 MOVES OF 5.14 M
SWEEP FREQUENCY: VARI-SWEEP (8 SWEEPS)
1. 15 - 75 HZ
2. 20 - 80 HZ
3. 25 - 85 HZ
4. 27 - 87 HZ
5. 30 - 90 HZ
6. 33 - 93 HZ
7. 35 - 95 HZ
8. 40 - 100 HZ
SWEEP LENGTH: 12 SEC

INSTRUMENTS
MAKE/MODEL: FTI - OPS-V
RECORD LENGTH: 2 SEC
SAMPLE RATE: 2 MS
FILTER: 6 - 128 HZ
NOTCH: OUT
TAPE FORMAT: SEG B
TAPE DENSITY: 1600 BPI

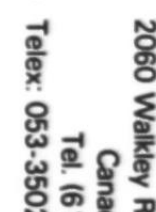
PROCESSED BY: WESTERN GEOPHYSICAL DIVISION OF LITTON INDUSTRIES

PROCESSING PARAMETERS

- DEMULPLEX: OUTPUT SAMPLE RATE: 2 MS, OUTPUT DATA LENGTH: 2 SECONDS
- GEOMETRY: LINE, PATTERN, SOURCE, ELEVATION STATIC
- AMPLITUDE RECOVERY: TYPE: SPHERICAL DIVERGENCE
- DEPHASING: GEOPHONIC: 14 HZ 60Z DAMPING
- DECONVOLUTION: TYPE: PREDICTIVE, PREDICTION DISTANCE: 12 MS, OPERATOR LENGTH: 60 MS, PREWHITENING: 0.12, APPLICATION WINDOW: 0 - 2000 MS, DESIGN WINDOW (NEAR OFFSET-90 M): 200 - 1200 MS, DESIGN WINDOW (FAR OFFSET-1152 M): 800 - 1200 MS
- CDP GATHERS
- STATICS: INTERACTIVE REFRACTION ANALYSIS, DRIFT AND WEATHERING CORRECTIONS
- VELOCITY ANALYSIS (VELAN): REFERENCED TO SURFACE
- NORMAL MOVEOUT APPLICATION: REFERENCED TO SURFACE
- AUTOMATIC SURFACE CONSISTENT STATICS (MISER): WINDOW: 350 - 1100 MS, MAXIMUM SHIFT: +/- 24 MS, NO. OF ITERATIONS: 5
- RE-ITERATION OF 8 AND 9
- REFLECTION STRENGTH GAIN: STAINOUT AFTER GAIN: 1.75
- TRACE MUTE: OFFSET (M): 250 310 900 1100, TIME (MS): 0 300 900 1500
- CDP STACKING: STACKING FOLD: 1500 X
- AUTOMATIC TRIM STATICS (C.D.P.): WINDOW: 350 - 1100 MS, MAXIMUM SHIFT: +/- 120S, MODEL TRACES: 5 TRACES
- FILTER APPLICATION: TYPE: BANDPASS, BANDPASS: 18/18 - 60/36, APPLICATION: 0 - 2000 MS
- GAIN (RMS): LENGTH OF FIRST GAIN ZONE: 400 MS, LENGTH OF LONGEST GAIN ZONE: 400 MS, 2000 RMS AMPLITUDE
- DISPLAY SCALE: HORIZONTAL SCALE: 12 TRACES/INCH, VERTICAL SCALE: 7.5 INCHES/SEC, GEOSPAC PLOTTING GAIN: 1100, 1 INCH = 216 METERS

G.C. GEOPHYSICIST: R.E. DIMENT

DEC 21 1986



Ottawa, Ont
3P5
1-9571
Cable: TERRA

PROJ. NO.

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