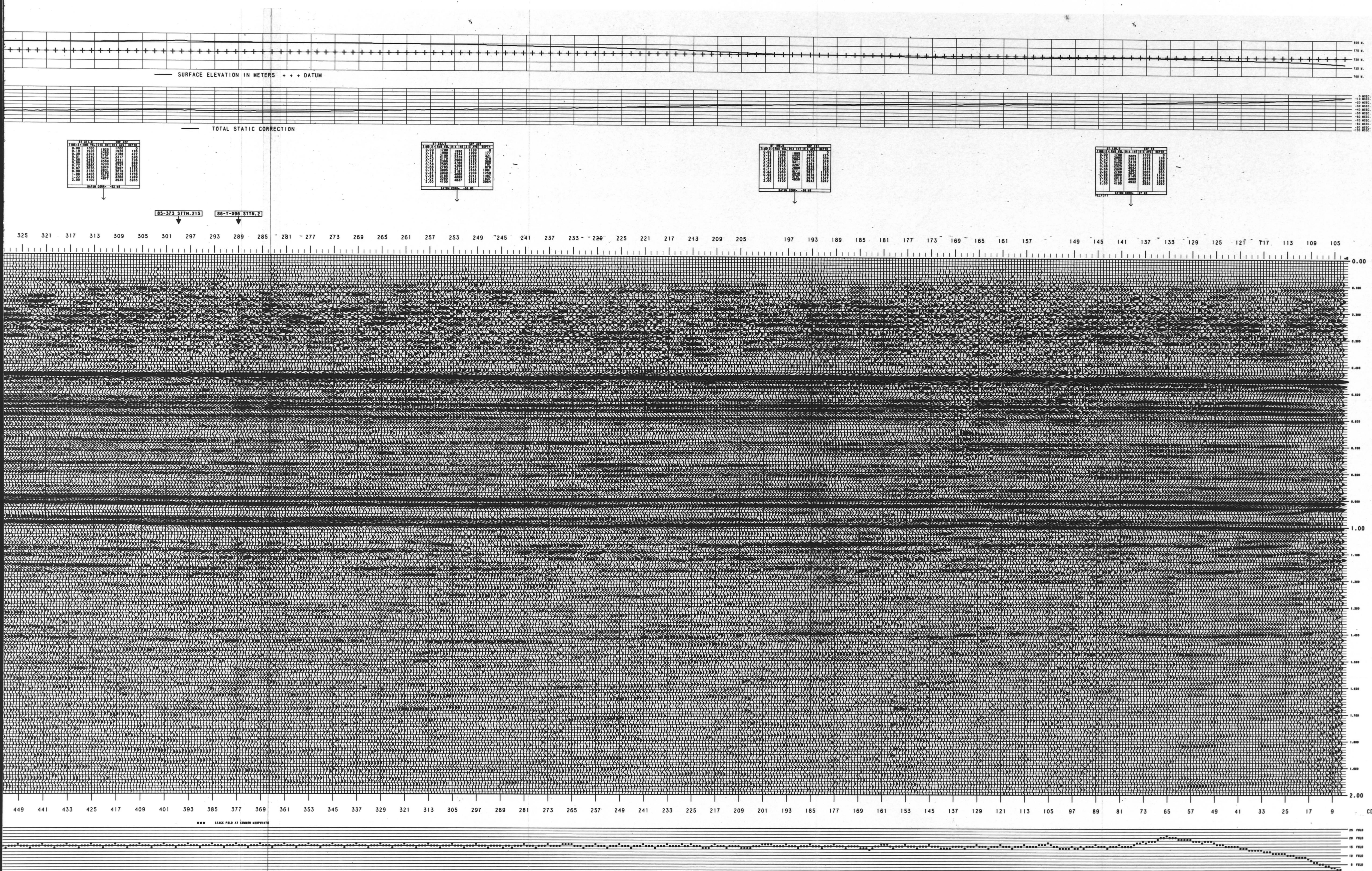




9229-C20-1E

'NORTH'

LINE: 85-371 *85-144-16*

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
LOCATION: T126 R18-21 W5M+NMT
POLARITY: REVERSE
APE: 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	1500E
STATION INT.	18 M
SHOT PT. INT.	72 M
SPREAD (TR)	60 61 120
DIST. (M)	1152 -- 90 X 90 --- 1152

RECEIVER

MAKE/MODEL/TYPE	OYO / 14HZ
NUMBER PER GROUP	9
SPACING	2.25M
ARRAY	INLINE

SOURCE

TYPE	VIBROSEIS
VIBRATOR MODEL	LS-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	FT1 - OPS-V
RECORD LENGTH	2 SEC
SAMPLE RATE	2 MS
FILTER	8 - 128 HZ
NOTCH	OUT
TAPE FORMAT	SEG B
TAPE DENSITY	1600 BPI

PROCESSED BY: WESTERN GEOPHYSICAL DIVISION OF LITTON INDUSTRIES

PROCESSING PARAMETERS

- DEMULTIPLY: OUTPUT SAMPLE RATE: 2 MS; OUTPUT DATA LENGTH: 2 SECONDS
- GEOMETRY: LINE, PATTERN, SOURCE, ELEVATION STATIC
- AMPLITUDE RECOVERY: TYPE: SPHERICAL DIVERGENCE
- DEPHASING: GEOPHONE: 14 HZ 60Z DAMPING
- DECONVOLUTION: TYPE: PREDICTIVE; PREDICTION DISTANCE: 12 MS; OPERATOR LENGTH: 60 MS; PREWHITENING: 0.15; 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: 3
- RE-ITERATION OF 8 AND 9
- REFLECTION STRENGTH GAIN: STANDARD AFTER GAIN: 1.75
- TRACE MUTE: OFFSET (M): 250 310 900 1160; TIME (MS): 0 300 900 1000
- CDP STACKING: STACKING FOLD: 1500 X
- AUTOMATIC TRIM STATICS (C.D.P.): WINDOW: 350 - 1100 MS; MAXIMUM SHIFT: +/- 1200 MS; MODEL TRACES: 5 TRACES
- FILTER APPLICATION: TYPE: BANDPASS; PASSBAND: 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; GEOPHASE FLATTENING GAIN: 1108

1 INCH = 216 METERS

O.C. GEOPHYSICIST: R.E. DIMENT

DEC 21 1986

