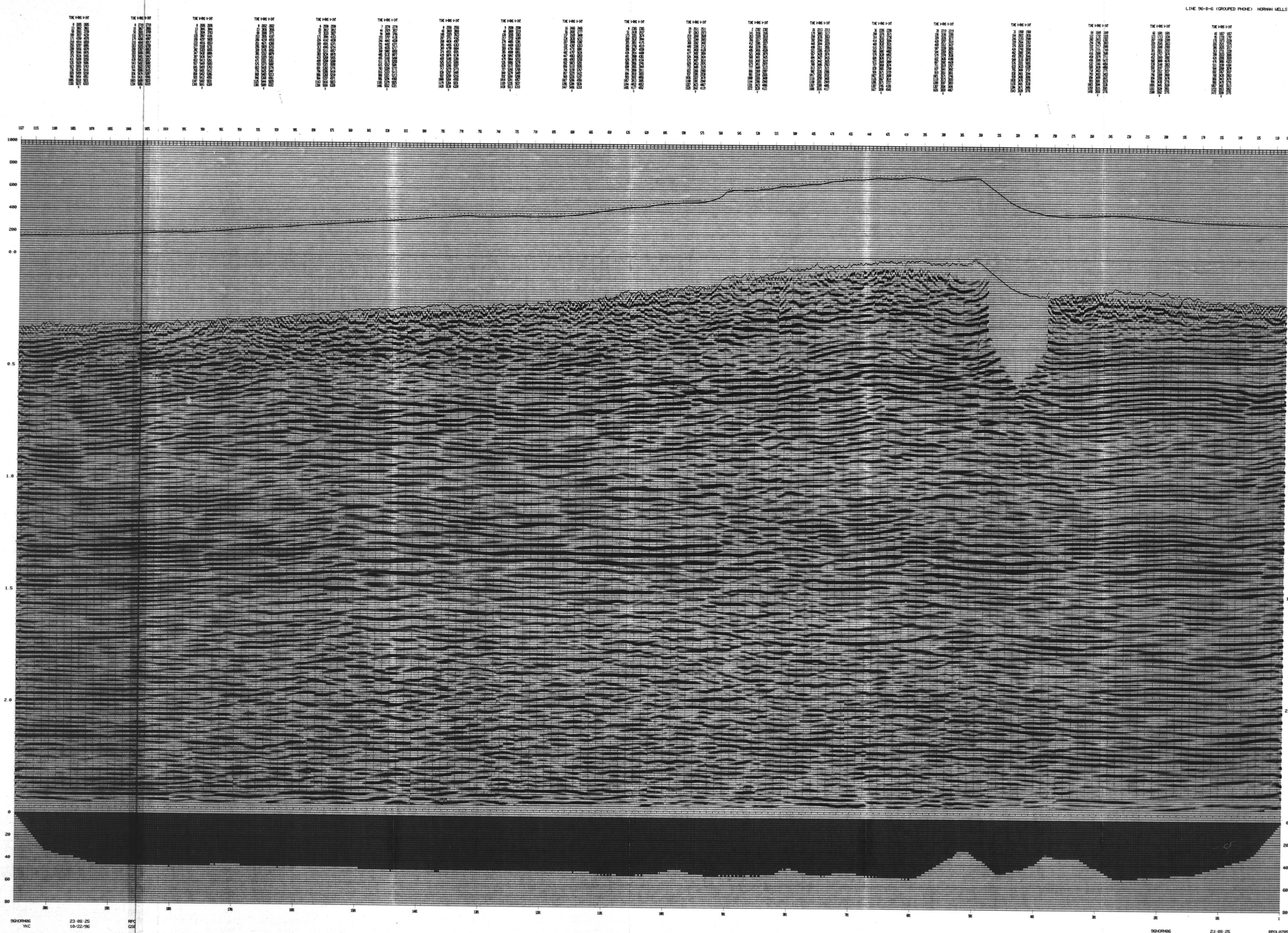




9229-N6-1E

MURPHY
OIL COMPANY LTD.

LINE: 96-B-6 (ES680A)
(GROUPED PHONES)
PROJECT: NORMAN WELLS 96-B
LOCATION: OSCAR LAKE, MACKENZIE
NORTHWEST TERRITORIES
NTS: 98E/7

SP. 1127 NE SP. 101

PRESTACK TIME MIGRATION
PRE-STACK F4X NOISE REDUCTION

POLARITY ☐ NP ☒ RP
FIRST RICH POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS
SHOT BY: WESTERN ATLAS
DATE: AUG. 1990
SPREAD: 700 M. x 700 M.
SOURCE INTERVAL: 24 M.
RECEIVER INTERVAL: 8 M.
ACQUISITION FOLD: 3200 X
SOURCE: DYNAMITE ONE HOLE 4 X 2 AG x 18 M.
RECEIVER: SENSOR 3M-7.14 MZ. 8 PHONE GROUPED
INSTRUMENTS: VISION 192 TRACE
TAPE FORMAT: SEC 0
FIELD FILTERS: 007-412 HZ. NOTCH: OUT
SAMPLE RATE: 1 MS.

PROCESSING PARAMETERS
PROCESSED BY GEO-3
DATE: SEPT. 1990
DEMULTIPLEX: 1 MS. SAMPLE RATE
AMPLITUDE RECOVERY: (1)EXP(18) 8-0.0080
DECONVOLUTION: TYPE: ADAPTIVE S COMPONENT
SURFACE CONSISTENT SIGATURE
WITH ZERO PHASE FREQUENCY
CORRELATION COMPONENT
DOMIN. FREQUENCY
GATE: 250-1500 MS. AT 0 OFFSET
250-1500 MS. AT 2715 M. OFFSET
NOTE: SYSTEM CONVERTED TO MINIMUM PHASE
STRUCTURAL CORRECTIONS: DATUM ELEVATION: 150 M.
DATUM VELOCITY: 3500 M./SEC.
PROCESSING DATUM: 0 M.
ELEVATION, HEATHENING, AND SHIFT
NOTE: ALL FOLLOWING TIMES REFERENCED FROM PROCESSING DATUM
ANALYSIS: PRELIMINARY VELOCITIES AND STATICS
STATICS: SURFACE STACK RESIDUAL
TRACE WELLS
VELOCITY ANALYSIS: INTERVAL: 50 CPS
FINAL MOVEOUT
NEAR SCALING: WINDOW: 300-2000 MS.
TIME-VARIANT SCALING: WINDOW: 0-300 MS.
OFFLINE MUTE: DIST(M.) 210 900 2100 2715
TIME(MS.) 350 500-600 1200-1300 1500
STATICS: SURFACE CONSISTENT RESIDUAL
WINDOW: 200-1500 MS.
4-DIMENSIONAL
NOISE REDUCTION: BLOCK SIZE: 6 SHOTS MIZ: 60 Z PHA: 300
FILTER: 16/18-50/55 HZ
IN FREQUENCY DOMAIN: WINDOW: 10 EQUAL LENGTH, 100 MS. OVERLAP
F-X PREDICTION
OFFLINE NEAR SCALING: WINDOW: 300-2000 MS.
OFFLINE MUTE: DIST(M.) 210 900 2100 2715
TIME(MS.) 350 500-600 1200-1300 1500
STATICS: SURFACE CONSISTENT RESIDUAL
WINDOW: 200-1500 MS.
OFFLINE TRACE GATHER: MAXIMUM FOLD: 34
STATICS: COP CROSS CORRELATION
WINDOW: 400-1500 MS.
PRESTACK F-X
TIME MIGRATION: ON NOT RECORDS
1000 THEORETICAL VELOCITIES
MUTE: DISTANCE (M.) 210 900 2100 2715
TIME(MS.) 350 500-600 1200-1300 1500
NEAR SCALING: WINDOW: 300-2000 MS.
TRACE GATHER: MAXIMUM FOLD: 34
STACK
FILTER: 16/18-50/55 HZ.
EQUALIZATION: NEAR WINDOW: 300-2000 MS.
A.G.C.: 400 MS.

DISPLAY PARAMETERS
HORIZONTAL SCALE: 40 TRACES PER INCH
VERTICAL SCALE: 7.5 INCHES PER SECOND