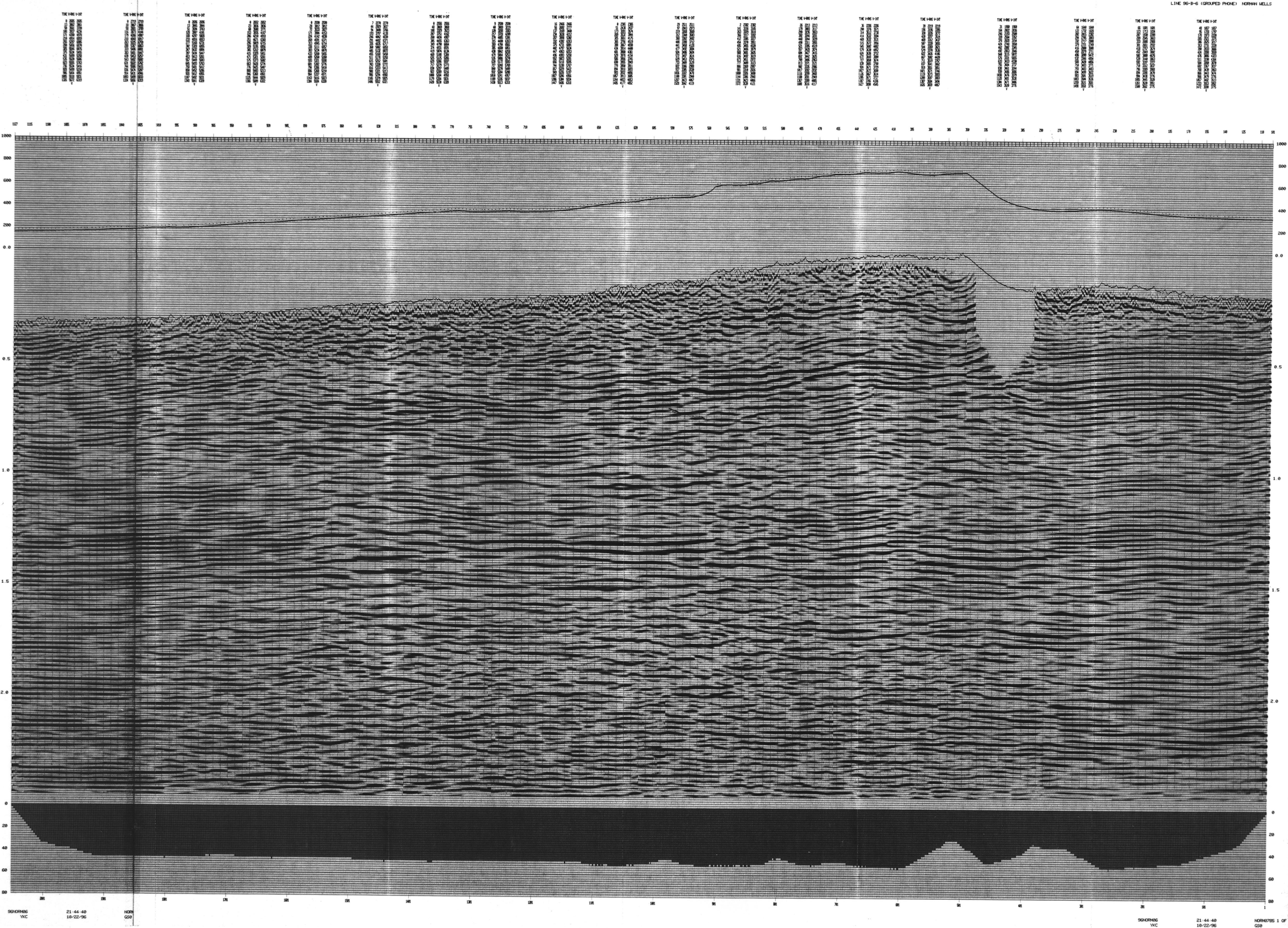




9229-N6-1E
MURPHY
OIL COMPANY LTD.

LINE: 96-B-6 (E58680A)
PROJECT: NORMAN WELLS 96-B
LOCATION: OSCAR LAKE, MACKENZIE
NORTHWEST TERRITORIES
NTS: 98E/77

SP. 1127 NE SP. 101

PRESTACK TIME MIGRATION
PRE-STACK FKA NOISE REDUCTION

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

ACQUISITION PARAMETERS
SHOT BY: WESTERN ATLAS
DATE: AUG. 1986
SPREAD: 768 M. x 768 M.
SOURCE INTERVAL: 24 M.
RECEIVER INTERVAL: 8 M.
ACQUISITION FOLD: 30X 2
SOURCE: STRIKE-SLIP ONE HOLE X 2 HOLE X 18 M.
RECEIVERS: SENIOR 9H-7 14 HZ. 9 PHONE GROUPED
TAPES: 182 TRACES
TAPE FORMAT: SEG D
FIELD FOLDER: NOTCH OUT
SAMPLE RATE: 1 MS.

PROCESSING PARAMETERS
PROCESSED BY: GEOSYSTEMS LTD. INC.
DATE: SEP. 1986
DEMUTEX: 1 MS. SAMPLE RATE
AMPLITUDE RECOVERY: 17 EXP/100 0-0.008
DECONVOLUTION: TYPE: ADAPTIVE S COMPONENT
SURFACE CONSISTENT SIGNATURE
WITH 2D0 PHASE PRESERVATION
DOMAIN: FREQUENCY COMPONENT
DATE: 250-1500 MS. AT 10 OFFSET
650-1800 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 MS.
ELEVATION, WEATHERING, AND DRIFF
NOTE: ALL FOLLOWING TIMES REFERENCED FROM PROCESSING DATUM
ANALYSIS: PRELIMINARY VELOCITIES AND STATICS
STATICS: SURFACE STACK RESIDUAL
TRACE KILLS
VELOCITY ANALYSIS: INTERVAL: 50 COPS
FINAL MOVEOUT
MEAN SCALING: WINDOW: 300-2000 MS.
TIME-VARIANT SCALING: WINDOW: 0-300 MS.
OFFLINE MUTE DIST (M.): 210 900 2100 2715
TIME (MS.): 350 500-800 1200-1300 1580
STATICS: SURFACE CONSISTENT RESIDUAL
WINDOW: 200-1500 MS.
4-DIMENSIONAL NOISE REDUCTION IN FREQUENCY DOMAIN
BLOCK SIZE: 6 SHOTS MEAN 66 X PH 300
FILTER SIZE: 5/13/21/21
SHOTS/STN/OFFSET/COMP = 5/13/21/21
WINDOWS: 10 EQUAL LENGTH, 100 MS. OVERLAP
OPTION: F-X PREDICTION
OFFLINE MEAN SCALING: WINDOW: 300-2000 MS.
OFFLINE MUTE DIST (M.): 210 900 2100 2715
TIME (MS.): 350 500-800 1200-1300 1580
STATICS: SURFACE CONSISTENT RESIDUAL
WINDOW: 200-1500 MS.
OFFLINE TRACE GATHER: MAXIMUM FOLD: 34
STATICS: COP CROSS CORRELATION
WINDOW: 200-1500 MS.
PRESTACK F-X TIME MIGRATION
ON SHOT RECORDS
100% THEORETICAL VELOCITIES
MUTE DISTANCE (M.): 210 900 2100 2715
TIME (MS.): 350 500-800 1200-1300 1580
MEAN SCALING: WINDOW: 300-2000 MS.
TRACE GATHER: MAXIMUM FOLD: 34
STATICS: 14/18/50/55 HZ.
EQUALIZATION: MEAN WINDOW: 300-2000 MS.
A.G.C.: 400 MS.

DISPLAY PARAMETERS
HORIZONTAL SCALE: 48 TRACES PER INCH
VERTICAL SCALE: 7.5 INCHES PER SECOND