

9229-B59-2E 11
INTERPRETED SECTION
JRS - RANGER OIL CCS/H

RANGER OIL LTD.

FT. LIARD
LINE NAC-003
SPS: 101-627
PRE STACK MIGRATION

DISPLAY POLARITY
NORMAL

STATICS PARAMETERS
DATUM: 500 ft REFL VEL: 4000 m/s

FIELD PARAMETERS
SHOT FIRM: RANGER OIL LTD. SEPTEMBER 1995
SHOT BY: SCHLUMBERGER DECO-PARALUX PARTY-1027
INSTRUMENTS: GEOPHONES
PULSE/RECORD: 1/0 SYSTEM 2 TYPE: Q10 Q8 Q4 10 Hz
S.A.I.: 2.0 S LENGTH: 15 SEC NUMBER/TRACE: 10
FILTERS: 3/12-135 NOTCH OUT GROUP LENGTH: 15 ft
FORMAT: SEG-D
SOURCE: SPREAD
TYPE: DYNAMIC SHOT POINT INT: 90 ft
CHARGE SIZE: 20 kg GROUP INT: 15 ft
NO. INLINE: 1
SPREAD CONFIGURATION
TRACE: 1-300-4-381-600 TRACE 1 N.E.
4507.5-22.5-4-22.5-4507.5 ft

PROCESSED NOVEMBER 1995 BY

KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE
DEMULTIPLY: 2.0 ft
PROCESS SAMPLE RATE: 2.0 ft
PROCESS RECORD LENGTH: 15 SEC
AMPLITUDE RECOVERY: METAPOLAR (EXPRT) 0.1 0.4 0.4 0.4
EXPONENTIAL SCAV CORN
TRACE EDITING
PULSE CORRECTION
TYPE: INSTRUMENT AND GEOPHONE
FX FILTER
FOR CALCULATION OF DECONVOLUTION
TRANSPARENCY: OPERATORS ONLY
DECONVOLUTION
TYPE: SURFACE CONSISTENT SPREADING
OPERATOR LENGTH: 60 ft
PRESTRESSING: 1
DESIGN DATE: 700 - 2000 ft at 20% OFFSET
OFFER NAME: 1000 - 2000 ft at 2000 ft offset
PARTIAL SPECTRAL BALANCING: 2
FREQUENCY: 0 - 100 Hz
EQUALIZATION: SRAE WINDOW AS DESIGN
DESIGN DATE: SRAE WINDOW AS DESIGN
STATISTICS (REFRACTION)
METHOD: SRAE WINDOW AS DESIGN
FREQUENCY SPACING: 0.1
DATA ELEVATION: 500 ft
REFRACTION VELOCITY: 4000 ft/sec
REFRACTION VELOCITY: 4000 ft/sec
SORT: TO CORRECT DEPTH AGENT
VELOCITY ANALYSIS: CONSTANT PERCENTAGE MOVEOUT
TYPE: CONSTANT PERCENTAGE MOVEOUT
STATISTICS (RESIDUAL):
TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 400 - 2000 ft
PRELIM SHOT: 15 - 30 ft
CORRELATIONS PER TRACE: 15
NUMBER OF STATISTICS: 2
VELOCITY ANALYSIS: CONSTANT PERCENTAGE MOVEOUT
TYPE: CONSTANT PERCENTAGE MOVEOUT
STATISTICS (RESIDUAL): SECOND PASS
CORRELATION WINDOW: 400 - 2000 ft
PRELIM SHOT: 15 - 30 ft
CORRELATIONS PER TRACE: 15
NUMBER OF STATISTICS: 2
PRE-STK MIG. VEL. ANALYSIS: CONSTANT PERCENTAGE MOVEOUT
TYPE: CONSTANT PERCENTAGE MOVEOUT
MUTE PATTERN:
DISTANCE: 250 500 1500 5000 ft
TIME: -500 0 500 1500 ft
EQUALIZATION: 000 ft/sec
DESIGN WINDOW: 000 ft/sec
FULL PRE-STACK MIGRATION:
TYPE: REFERENCED TO PLATTED GEOPHONIC SURFACE
TYPE: REFERENCED TO PLATTED GEOPHONIC SURFACE
SEPARATELY AT SHOT AND RECEIVER
STRETCH:
SPRINT SUPPRESSION: 0.1 THRESHOLD
FILE: 0.1
FILTERS: 0.13 - 50/50 Hz
FREQUENCY: 0.13 - 50/50 Hz
EQUALIZATION: 000 ft/sec
DESIGN WINDOW: 000 ft/sec
FINAL DISPLAY:
100 BLIP INCREMENT

DISPLAY PARAMETERS
HORIZONTAL: 40 TRACES/INCH VERTICAL: 5 INCHES/SECOND

