

NORTH  
9 2 2 9 - M 3 - 2 E MAR 24 1992 CALGARY



MOBIL OIL CANADA LTD.  
PROCESSING DATE - APRIL 1991  
CALGARY, ALBERTA

AREA : SPEAR NO. 1  
LINE : 91-1348  
S.P. : 101 - 360  
DIR. : N. - S.  
NTS GRID : 94 0 14/10. 95 B 1. 2  
POLARITY : NORMAL

RELATIVE AMPLITUDE  
MIGRATED STACK

FIELD PARAMETERS

SHOT FOR: MOBIL OIL CANADA  
SHOT BY: PIONEER EXPLORATION INC.  
DATE: MARCH 1991  
SPREAD: DIRECTION SHOT N. - S.  
STATION INT. 50 M  
SHOT INT. 100 M  
SPREAD (TR) 1500 M  
DIST. INT. 1500 M  
RECEIVER: TYPE: VIBROSEIS  
RECORD LENGTH: 2 SEC.  
SAMPLING RATE: 2 HZ  
FIELD FILTER: OUT-120  
SOURCE: TYPE: VIBROSEIS  
RECORD LENGTH: 2 SEC.  
SAMPLING RATE: 2 HZ  
FIELD FILTER: OUT-120  
INSTRUMENTS: TYPE: VIBROSEIS  
RECORD LENGTH: 2 SEC.  
SAMPLING RATE: 2 HZ  
FIELD FILTER: OUT-120

PROCESSING PARAMETERS

- SEG-B FORMAT CONVERSION  
SAMPLE RATE: 2 HZ  
RECORD LENGTH: 4000 HZ
- GEOMETRY  
STRAIGHT LINE GEOMETRY
- AMPLITUDE RECOVERY  
TYPE: SPHERICAL DIVERGENCE
- EDITING
- DECONVOLUTION  
TYPE: SURFACE CONSISTENT SPINNING  
OPERATOR LENGTH: 0.1  
WINDOVS: 1000 HZ  
HORIZONTAL OFFSET: 1000 HZ  
SPECTRAL BALANCE: 1000 HZ
- PHASE COMPENSATION  
VIBROSEIS PHASE CORRECTION FOR SPINNING DECONVOLUTION  
COMPLEX GEOMETRY CORRECTION FOR SPINNING DECONVOLUTION
- WEATHERING & DATUM CORRECTIONS  
ALL SHOTS INTERPRETTED  
REPLACEMENT VELOCITY: 2000 M/SEC  
WEATHERING VELOCITY: 500 M/SEC  
DATUM: 500 M
- CDP GATHERS  
FOLD: 1000 %
- VELOCITY ANALYSIS  
TYPE: CONSTANT VELOCITY COMMON OFFSET STACK  
REFERENCE FROM DATUM
- NMO APPLICATION
- SURFACE CONSISTENT STATICS  
WINDOVS: 1000 - 2000 HZ  
HORIZONTAL OFFSET: 1000 HZ
- RE-ITERATION OF STEPS 9.10.11
- TRIM STATICS  
WINDOVS: 1000 - 2000 HZ  
HORIZONTAL OFFSET: 1000 HZ  
MAXIMUM STATICS: 11 HZ
- TRACE MUTING  
OFFSET: 100 - 200 HZ  
TIME: 0 - 1000 HZ
- CDP STACK  
STRETCHING FOLD: 1000 %
- MIGRATION  
TYPE: FINITE DIFFERENCE  
VELOCITY: 1000 M/SEC  
WINDOVS: 1000 - 2000 HZ
- FILTER APPLICATION  
TYPE: BIEFAPAS  
WINDOVS: 1000 - 2000 HZ  
APPLICATION: 0 - 2500 HZ
- TRACE EQUALIZATION  
WINDOVS: 1000 - 2000 HZ  
HORIZONTAL OFFSET: 1000 HZ  
SPECTRAL BALANCE: 1000 HZ
- FILM DISPLAY  
VERTICAL SCALE: 7.5 TRACES/INCH  
HORIZONTAL SCALE: 12 TRACES/INCH  
1 INCH = 150 M

PROCESSED BY: J.G.L. ENTERPRISES LTD.  
GEOPHYSICIST: H. A. KIRCHER

