

NORMANWE  
87185  
M2QSD3K0  
NW → SE

PRESTACK MIGRATED SECTI  
ESSO REVERSE  
91E54-87185

NORMANWE  
87185  
M2QSD3K0  
NW → SE

9229-J1-SE

1/4  
KM

ESSO

ESSO RESOURCES CANADA LIMITED  
GEOPHYSICAL DATA PROCESSING  
CALGARY, ALBERTA

LINE 87185 AREA NORMANWELLS  
PART DATE 02/10/92  
OCS+ KM OF LINE

FIELD RECORDING

RECORDED ON ICE MARCH 1991 FOR ESSO  
BY WESTERN GEOPHYSICAL  
INSTRUMENTS-TI DFS V 120 CHANNEL  
GEOPHONES-SM 14KHZ INLINE PATTERN  
9 PHONES OVER 20 M. GROUP INT-10 M.  
VIBRATOR DATA SWEEP 5-120HZ OVER 6 SEC  
RECORD LENGTH 9 SEC  
PEAK FORCE 32000 LBS 4 SHEEPS/VP  
4 SHEEPS OVER 10M 1 LRS 315 VIBRATOR

SE-NW

RECORDING CONFIG.  
DISTANCES IN [ ] FEET [ ] METERS

RECORDING INSTRUMENTS

SYSTEM DESV NO. CHANNELS 120  
FORMAT GRAIN TYPE  
REC LENGTH 3 SEC. SAMP RATE 2 MS.  
REC FILTER LO CUL HZ SLOPE DB/OCT  
HI 128 HZ SLOPE 22 DB/OCT

FIELD POLARITY: COMPRESSIONAL WAVE  
RECORDED AS NEG. VALUES

PROCESSING SEQUENCE

1) DEMUL ESSO 1991 4 SHEEPS SUMMED  
2) DATUM 0 M. DATUM VEL-1100 M/SEC  
3) EXPONENTIAL AGC  
4) EDIT VIA LANDEDIT  
5) LINEAR VELOCITY FILTER 3000M/S  
6) F-K FILT. ALL DIPS > 4MS/TA AND> 30HZ  
7) SHAPE DECON DESGN 100-1100 MS 14-80HZ  
8) NMO/PRIMARY STATICS APPLIED USING  
9) VELOCITY DERIVED FROM IVS/VELOCITY  
10) STACKS ANALYSIS  
11) 2 ITERATIONS OF SURFACE CONSISTANT  
12) REFLECTION STATICS USING SUPERCOR  
13) PRESTACK TIME MIGRATION 2 PASSES  
14) VELOCITY REMOVED AND APPLIED  
15) CDP STATICS USING SHARPER  
16) CDP STACK  
17) SHAPE DECON DESGN 200-1300MS 14-110HZ  
18) SLOPES 19 24 DB/OCT  
19) MIX 15 WEIGHTS 10,15,20,25,30,40,50  
20) 1000,50,40,30,25,20,15,10  
21) CENTRE TRACE 722  
22) ZERO PHASE CONVERSION 200-1300MS DESI

ORIGINAL DISPLAY

1.524 CH./24 TR. 200.0 TRACES/KM  
COMPRESSIONAL WAVE ON SECTION  
PRESET GAIN: DB -1  
0 XVA BASE -7.500 IN/SEC  
STATICS:  
ADJ. TO TOTAL MS.  
DIRECTION OF PLOT BLIGHT INV

REMARKS

EDIT BY ANITA SCHAUFELE  
DOMESTIC PROCESSING BY  
JANET PORTER-CHANDLER  
REQUESTED BY HOWARD LEE

LIP, LOC. (OUT)  
TAPE NAME (OUT)  
TIME 11.50.4 DATE 04/1/92

