

81 - E34 - 83777

1 KM=-----

1001 1561
SW/ NE
SP. ESSO RESOURCES CANADA LTD. SP.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 83777 AREA DONNELLY
PART 1/1 DATE 81-09-30

FIELD RECORDING - LAND

CONTRACTOR WESTERN GEO PTY NO. 81-E34
DATE SHOT MAR 27-28 1981

ENERGY SOURCE
TYPE DYNAMITE
ARRAY 6 IS LENGTH
SHOT INTERVAL 64

SURVEY LOCATION
START OF LINE LAT 66 45' LONG 127 15'
DIRECTION OF SHOOTING NW

GEOPHONES
TYPE GEO SPACE NO. GROUPS 48
GEOPHONES/GROUP 9 GROUP INTERVAL 4 M
ARRAY LENGTH
.1 24. SP .25 48.

RECORDING CONFIGURATION
DISTANCES IN ☐ FEET ☒ METRES

RECORDING INSTRUMENTS
SYSTEM SERCEL 338 NO. CHANNELS 48
FORMAT SEG B GAIN TYPE 1FP
RECORD LENGTH 3 000EC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 1200/OCTAVE
HI 125 HZ SLOPE 72 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

☒ 1 DEMULT
☒ 2 DATUM 0 DATUM VEL. 3048 M/S
☒ 3 STATICS COMSTA
☒ 4 RNULFIL
☒ 5 GAIN ☒ EXPONENTIAL ☐ GEORCOR

☐ VERTICAL SUMMATION TO 1
☐ HORIZONTAL SUMMATION TO 1
☐ BINMATION TO MS.
☒ 6 DECON BEFORE STACK LEAST SQUARES
OPERATOR LENGTH 60 M MS.
DESIGN GATE 250/1200 MS.

☒ 7 FILTER 18/24 - 72/80
☒ 8 VELOCITY ANALYSIS TEKVEL, LTSF
☒ 9 NMO GENVEL
FOLD CDP STACK, 50 INTERVAL
☐ DECON AFTER STACK
OPERATOR LENGTH MS.
DESIGN GATE MS.

☒ 10 FILTER 12/18 - 72/80
☐
☐
☐
☐
☐ PHASE CORRECTION FILTER
☐ TRACE NORMALIZE
☒ 11 AGC 600 MS.

DISPLAY PARAMETERS
64 0 TR./INCH ☒ -VE ☐ +VE
TAPE NAME (OUT) PROD GDP #83777 ADBWRSB7
PROCESSED BY LRL

REMARKS

FINAL STACK

