

83784 DBRNCRS2
81-08-27 PROPRIETARY

81-E34 83784

1 KM=-----

1541 1001
S.W. ESSO RESOURCES CANADA LTD. N.E.
SP. GEOPHYSICS, DATA PROCESSING SP.
CALGARY, ALBERTA

LINE 83784 AREA BRACKETT LAKE
PART 1/1 DATE 81-08-27

FIELD RECORDING - LAND

CONTRACTOR WESTERN PTY NO. 81-E34
DATE SHOT APR 10-111981

ENERGY SOURCE
TYPE DYNAMITE SINGLE SHOT
ARRAY LENGTH
SHOT INTERVAL 64 M

SURVEY LOCATION
START OF LINE N 65-07 W 125-12
DIRECTION OF SHOOTING N E

GEOPHONES
TYPE GEOSPACE 20D NO. GROUPS 48
GEOPHONES/GROUP 9 GROUP INTERVAL 16 M
ARRAY IN LINE LENGTH 32 M
.1 24. SP .25 48.

RECORDING CONFIGURATION
DISTANCES IN ☐ FEET ☒ METRES

RECORDING INSTRUMENTS
SYSTEM SERCEL 338 NO. CHANNELS 48
FORMAT SEG B GAIN TYPE IFP
RECORD LENGTH 3 0 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE DB/OCTAVE
HI 125 HZ SLOPE DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

☒ 1 DEMULT
☒ 2 DATUM 0 DATUM VEL. 3048 M/S
☒ 3 STATICS COMGAT-COMSTA (GEOP+SHOT) 600-1400
☒ 4 STATICS
☒ 5 GAIN ☒ EXPONENTIAL ☐ GEOCOR

☐ VERTICAL SUMMATION TO 1
☐ HORIZONTAL SUMMATION TO 1
☐ BINATION TO MS.
☒ 6 DECON BEFORE STACK LEAST SQUARES - SHAPECON
OPERATOR LENGTH 100 MS.
DESIGN GATE 600-1200 MS.
☒ 7 FILTER LC-24 HC-60
VELOCITY ANALYSIS DEINGAT/CONVEL/INTVEL
NMO
☒ 8 FOLD CDP STACK, SB INTERVAL 8 M
☐ DECON AFTER STACK
OPERATOR LENGTH MS.
DESIGN GATE MS.
☐ FILTER
☒ 9 FILTER 16-24-75-100
☐ 10 RHULFIL

☐ PHASE CORRECTION FILTER
☐ TRACE NORMALIZE
☒ 11 AGC 400 MS.

DISPLAY PARAMETERS
64 0 TR./INCH ☒ -VE ☐ +VE
TAPE NAME (OUT) PROD GDP #83784 DBRNCRS2
PROCESSED BY CWC

REMARKS

