

81-E34 83780

1 KM=-----

1241 1005

S.W. E.S.S.O. RESOURCES CANADA LTD. N.E.
SP. GEOPHYSICS. DATA PROCESSING SP.
CALGARY, ALBERTA

LINE 83780 AREA BRACKETT LAKE
PART 1/1 DATE 81-08-27

FIELD RECORDING - LAND

CONTRACTOR WESTERN PTY NO. 81-E34
DATE SHOT APR 13 1981

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

SURVEY LOCATION
START OF LINE N 65-06 W 125-05
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 12.5 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
☐ 8 VELOCITY ANALYSIS # DENGAT/CONVEL/INTVEL
☐ 9 NMO
☐ 10 FOLD CDP STACK. SB INTERVAL 8 M
☐ DECON AFTER STACK #
OPERATOR LENGTH MS.
DESIGN GATE MS.
☐ FILTER #
☐ 11 FILTER 16-24-75-100
☐ 12 RNULFIL
☐ PHASE CORRECTION FILTER
☐ TRACE NORMALIZE
☐ 13 AGC 400 MS.

DISPLAY PARAMETERS
64 0 TR./INCH ☒ -VE ☐ +VE
TAPE NAME (OUT) PROD GDP #83780 DBRNCRS2
PROCESSED BY CMC

REMARKS

S.W.

N.E.

