

81-E34 83783

143

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S.W.

N.E.

1 KM-----

1445 1005

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

LINE 83783 AREA BRACKETT LAKE

PART 1/1 DATE 81-09-14

FIELD RECORDING - LAND

CONTRACTOR WESTERN PTY NO. 81-E34

DATE SHOT APR 5 1981

ENERGY SOURCE

TYPE DYNAMITE SINGLE SHOT

ARRAY LENGTH

SHOT INTERVAL 64 M

SURVEY LOCATION

START OF LINE N 65-08 W 125-02

DIRECTION OF SHOOTING S.W.

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 REGULAR

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 AUTSTA
- ☒ 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 6 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
- ☒ 13 FILTER 16-24-75-100
- ☐ PHASE CORRECTION FILTER
- ☐ TRACE NORMALIZE
- ☒ 14 AGC 400 MS.

DISPLAY PARAMETERS

64.0 TR./INCH ☒ -VE ☐ +VE

TAPE NAME (OUT) PROD GDP #83783 DNR35B0

PROCESSED BY CWC

REMARKS