

# 81-E34 83751D (4/7)

500 M-----

S.W. N.E.  
1001 E.S.S.O. RESOURCES CANADA LTD. 1381  
SP. GEOPHYSICS, DATA PROCESSING SP.  
CALGARY, ALBERTA

LINE 83751 AREA NORMAN WELLS N.W.T.  
PART FOUR OF SEVEN DATE 81-07-06

## FIELD RECORDING - LAND

CONTRACTOR WESTERN GEO. PTY NO. 81-E34  
DATE SHOT JAN. 1981

ENERGY SOURCE  
TYPE DYNAMITE  
ARRAY SINGLE HOLE 1.12 M LENGTH  
SHOT INTERVAL 32 M.

SURVEY LOCATION  
START OF LINE LAT 65 17' LONG 126 48'  
DIRECTION OF SHOOTING NORTHEAST

GEOPHONES  
TYPE GEOSPACE 20D/40HZ NO. GROUPS 4  
GEOPHONES/GROUP 9 GROUP INTERVAL 8 M.  
ARRAY LINEAR LENGTH 16 M.  
SP . 1 24

RECORDING CONFIGURATION 24 UNI-DIRECTIONAL  
DISTANCES IN ☐ FEET ☒ METRES

RECORDING INSTRUMENTS  
SYSTEM SERCEL 338B NO. CHANNELS 48  
FORMAT SEG B GAIN TYPE IFP  
RECORD LENGTH 3.0 SEC. SAMPLE RATE 2 MS.  
RECORD FILTERS LO 32 HZ SLOPE 12 DB/OCTAVE  
HI 125 HZ SLOPE 72 DB/OCTAVE

FIELD POLARITY COMPRESSIONAL WAVE  
RECORDED AS NEG. VALUES

## PROCESSING SEQUENCE

- 1 DEMULT
- 9 DATUM 0 M. DATUM VEL. 3048 M/SEC
- 5 STATICS COMGAT-COMSTA SHOT & GEO STATICS
- 10 STATICS AUTSTA WINDOW 250-800 MSEC.
- 2 GAIN ☒ EXPONENTIAL ☐ GEOCOR
- ☐ VERTICAL SUMMATION TO 1
- ☐ HORIZONTAL SUMMATION TO 1
- ☐ BINATION TO MS.
- 4 DECON BEFORE STACK CAMFIL  
OPERATOR LENGTH 60 MS.  
DESIGN GATE 200-1200 MS.
- ☐ FILTER
- 6 VELOCITY ANALYSIS MANUAL LONG SPREAD & CDP GATHER
- 8 NMO
- 11 6 FOLD CDP STACK. SB INTERVAL 4 M.
- ☐ DECON AFTER STACK  
OPERATOR LENGTH MS.  
DESIGN GATE MS.
- ☐ FILTER
- 3 RNULFIL 768/7
- 7 MUTE 0-64-72-192 AT 0-0-120-250
- 12 FILTER 12-18/72-80 HZ.
- ☐
- ☐
- ☐ PHASE CORRECTION FILTER
- ☐ TRACE NORMALIZE
- 13 AGC 600 MS.

## DISPLAY PARAMETERS

64 0 TR./INCH ☒ -VE ☐ +VE  
TAPE NAME (OUT) PROD GDP #83751D AWDNCRS1  
PROCESSED BY SJ DHANANI

## REMARKS

STATICS WINDOW 200-1200 MS.

