

81-E34 83747 1/1

1 KM=-----

S.W.

N.E.

1005  
SP.

ESSO RESOURCES CANADA LTD.  
GEOPHYSICS, DATA PROCESSING  
CALGARY, ALBERTA

1109  
SP.

LINE 83747

AREA NORMAN WELLS N.W.T.

PART ONE OF ONE

DATE 81-04-01

#### FIELD RECORDING - LAND

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

#### ENERGY SOURCE

TYPE DYNAMITE  
ARRAY SINGLE HOLE LENGTH  
SHOT INTERVAL 64 M.

#### SURVEY LOCATION

START OF LINE LAT 65 15' LONG 126 40'  
DIRECTION OF SHOOTING NORTHEAST

#### GEOPHONES

TYPE GEOSPACE 20D/10HZ NO. GROUPS 8  
GEOPHONES/GROUP 9 GROUP INTERVAL 16 M.  
ARRAY LINEAR LENGTH 32 M.  
.1 24. SP .25 48.

← 368 → 32 → 368 →

RECORDING CONFIGURATION 24/24 SPLIT SPREAD  
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 12 HZ SLOPE 12 DB/OCTAVE  
HI 125 HZ SLOPE 72 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE  
RECORDED AS NEG. VALUES

#### PROCESSING SEQUENCE

- ☒ 1 DEMULT  
☒ 10 DATUM 0 M. DATUM VEL. 3048 M/SEC  
☒ 5 STATICS COMGAT-COMSTA SHOT& GEO. STATICS  
☒ 11 STATICS AUTSTA WINDOW 250-800 SEC.  
☒ 2 GAIN ☒ EXPONENTIAL ☐ GEOPOR  
☐ VERTICAL SUMMATION TO 1  
☐ HORIZONTAL SUMMATION TO 1  
☐ BINMATION TO MS.  
☒ 5 DECON BEFORE STACK CAMFIL  
OPERATOR LENGTH 60 MS.  
DESIGN GATE 200-1500 MS.  
☐ FILTER  
☒ 7 VELOCITY ANALYSIS MANUAL LONG SPREAD&CDP GATHER  
☒ 9 NMO  
☒ 12 6 IS FOLD CDP STACK. SB INTERVAL 8 M.  
☐ DECON AFTER STACK  
OPERATOR LENGTH MS.  
DESIGN GATE MS.  
☒ 3 FILTER 12-18/72-80  
☒ 4 RNULFIL 420/7550/7  
☒ 8 MUTE 0-128-144-384 AT 0-0-120-250  
☒ 13 FILTER 12-18/72-80 HZ.  
☐  
☐ PHASE CORRECTION FILTER  
☐ TRACE NORMALIZE  
☒ 14 AGC 600 MS.

#### DISPLAY PARAMETERS

64 0 TR./INCH ☒ -VE ☐ +VE  
TAPE NAME (OUT) PROD GDP #83747 ABWDNCSB  
PROCESSED BY SJ DHANANI

#### REMARKS

STATICS WINDOW 200-1200 MS.

130

60

SPID 1005 1017 1029 1041 1053 1065 1077 1089 1101

