

81-E34 83737 1/1

2 KM-----

SOUTH NORTH

1405 SP. ESSO RESOURCES CANADA LTD. 1001 SP.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 83737 AREA NORMAN WELLS N.W.T.

PART ONE OF ONE DATE 81-05-14

FIELD RECORDING - LAND

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

ENERGY SOURCE

TYPE DYNAMITE
ARRAY SINGLE HOLE LENGTH
SHOT INTERVAL 128 M.

SURVEY LOCATION

START OF LINE LAT 65 18' LONG 127 18'
DIRECTION OF SHOOTING SOUTH

GEOPHONES

TYPE GEOSPACE 20D/10HZ NO. GROUPS 8
GEOPHONES/GROUP 9 GROUP INTERVAL 32 M.
ARRAY LINEAR LENGTH 64 M.
.48 25. SP .24 1.

736 64 736

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 120B/OCTAVE
HI 125 HZ SLOPE 72 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG. VALUES

PROCESSING SEQUENCE

- ☐ DEMULT
- ☒ DATUM 0 M. DATUM VEL. 3048 M/SEC
- ☒ STATICS: COMGAT-COMSTA SHOT & GEO STATICS
- ☒ STATICS: AUTSTA WINDOW 300-800 SEC.
- ☒ GAIN: ☒ EXPONENTIAL ☐ GEORCOR
- ☐ VERTICAL SUMMATION TO 1
- ☐ HORIZONTAL SUMMATION TO 1
- ☐ BINMATION TO MS.
- ☒ DECON BEFORE STACK: CAMFIL
- OPERATOR LENGTH 60 MS.
- DESIGN GATE 200-1500 MS.
- ☐ FILTER
- ☒ VELOCITY ANALYSIS: MANUAL LONG SPREAD & CDP GATHER
- ☒ NMO
- ☒ 6 IS FOLD CDP STACK, SB INTERVAL 16 M.
- ☐ DECON AFTER STACK
- OPERATOR LENGTH MS.
- DESIGN GATE MS.
- ☒ FILTER: 18-24/72-80
- ☒ MUTE 0-224-256-768 AT 0-0-200-350
- ☒ FILTER 12-18/72-80 HZ
- ☒ FLATTENING
- ☐
- ☐ PHASE CORRECTION FILTER
- ☐ TRACE NORMALIZE
- ☒ AGC 600 MS.

DISPLAY PARAMETERS

64 0 TR./INCH ☒ -VE ☐ +VE

TAPE NAME (OUT) PROD GDP #83737 ADNCS BR1

PROCESSED BY SJ DHANANI

REMARKS

STATICS WINDOW 250-1300 MS.

FAR TRACE DECON DESIGN 400-1500 MS.

1397 1385 1373 1361 1349 1337 1325 1313 1301 1289 1277 1265 1253 1241 1229 1217 1205 1193 1181 1169 1157 1145 1133 1121 1109 1097 1085 1073 1061 1049 1037 1025 1013 1001 SPID

