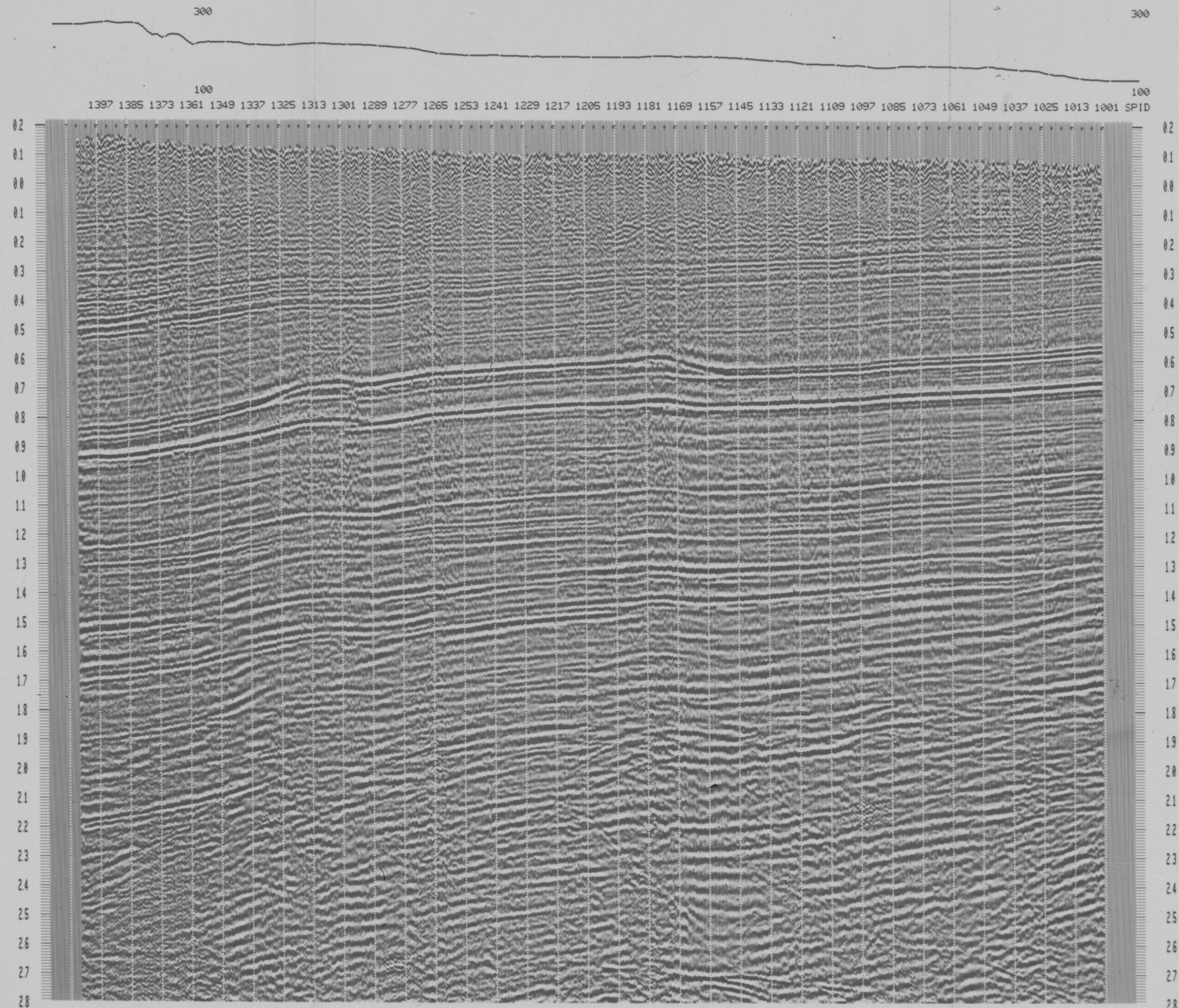


81-E34 83737 1/1



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 81-05-05

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 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 12 DB/OCTAVE

HI 125 HZ SLOPE 72 DB/OCTAVE

FIELD POLARITY COMPRESSIONAL WAVE

RECORDED AS NEG. VALUES

PROCESSING SEQUENCE

- ☒ 1 DEMULT
- ☒ 2 DATUM 0 M. DATUM VEL. 3048 M/SEC
- ☒ 3 STATICS COMGAT-COMSTA SHOT & GEO. STATICS
- ☒ 4 STATICS AUTSTA WINDOW 300-800 SEC
- ☒ 5 GAIN ☒ EXPONENTIAL ☐ GEOR
- ☐ 6 VERTICAL SUMMATION TO 1
- ☐ 7 HORIZONTAL SUMMATION TO 1
- ☐ 8 BINOMIAL TO MS.
- ☒ 9 DECON BEFORE STACK CAMFIL
- OPERATOR LENGTH 60 MS.
- DESIGN GATE 200-1500 MS.
- ☐ 10 FILTER
- ☒ 11 VELOCITY ANALYSIS MANUAL LONG SPREAD & CDP GATHER
- ☒ 12 NMO
- ☒ 13 6 IS FOLD CDP STACK. SB INTERVAL 16 M.
- ☐ 14 DECON AFTER STACK
- OPERATOR LENGTH MS.
- DESIGN GATE MS.
- ☒ 15 FILTER 18-24/72-80
- ☒ 16 MUTE 0-224-256-768 AT 0-0-200-350
- ☒ 17 FILTER 12-18/72-80 HZ
- ☐ 18
- ☐ 19
- ☐ 20 PHASE CORRECTION FILTER
- ☐ 21 TRACE NORMALIZE
- ☒ 22 AGC 600 MS.

DISPLAY PARAMETERS

64 0 TR./INCH -VE +VE

TAPE NAME (OUT) PROD GDP 83737 ABRNCSB

PROCESSED BY SJ DHANANI

REMARKS

STATICS WINDOW 250-1300 MS.