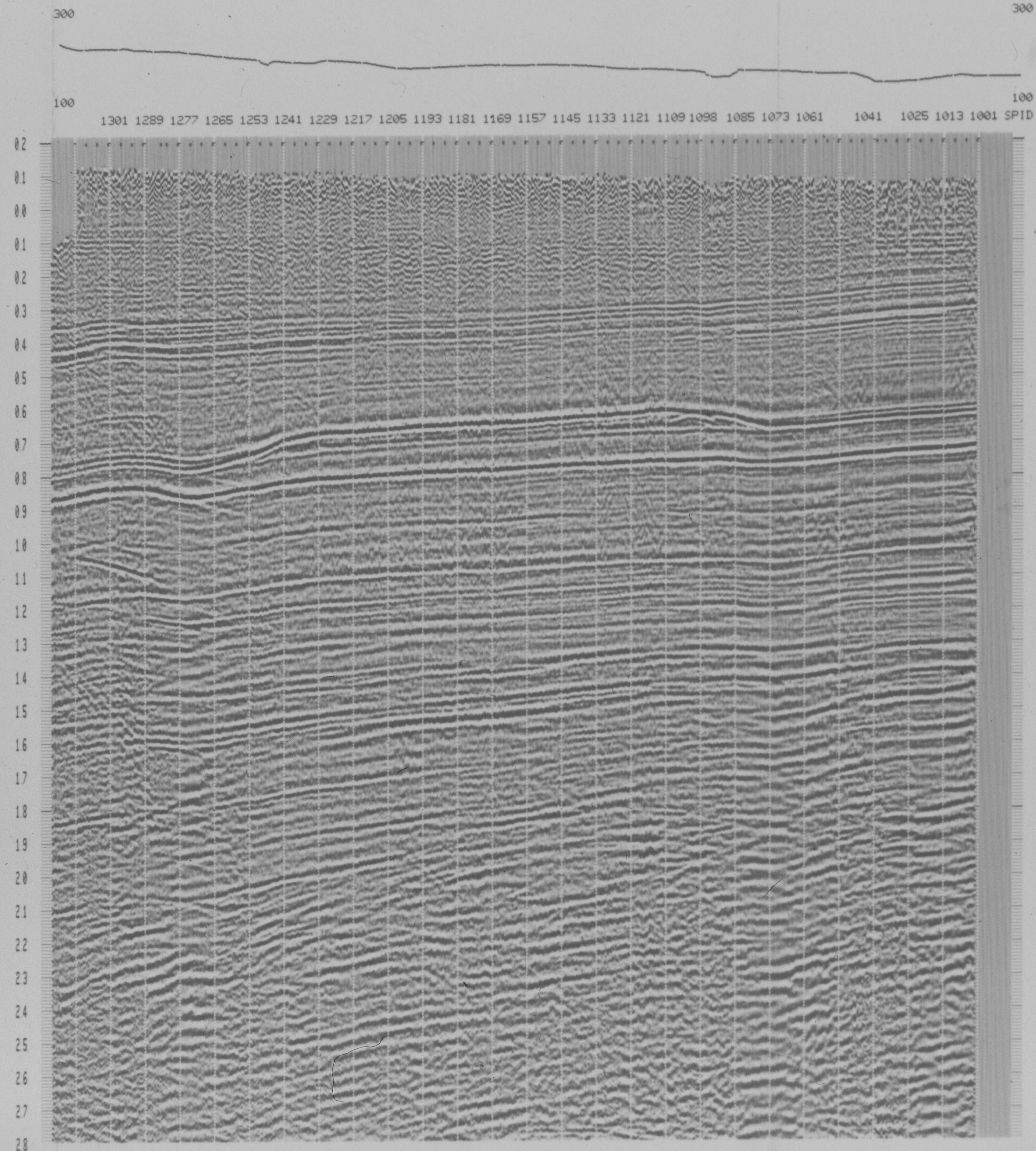


81-E34 83738 ABRNCSB

81-05-05 PROPRIETARY FINAL SECTION

81-E34 83738 1/1



2 KME-----

SOUTH

NORTH

1309
SP.ESSO RESOURCES CANADA LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA1001
SP.

LINE 83738

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 17' LONG 127 17'
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.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/OCTAVEFIELD 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 ☐ GEORC
- ☐ 6 VERTICAL SUMMATION TO 1
- ☐ 7 HORIZONTAL SUMMATION TO 1
- ☐ 8 BINATION TO MS.
- ☐ 9 DECON BEFORE STACK: CAMFIL
- ☐ 10 OPERATOR LENGTH 60 MS.
- ☐ 11 DESIGN GATE 200-1500 MS.
- ☐ 12 FILTER #
- ☐ 13 VELOCITY ANALYSIS: MANUAL LONG SPREAD & CDP GATHER
- ☐ 14 NMO
- ☐ 15 6 IS FOLD CDP STACK, SB INTERVAL 16 M.
- ☐ 16 DECON AFTER STACK
- ☐ 17 OPERATOR LENGTH MS.
- ☐ 18 DESIGN GATE MS.
- ☐ 19 FILTER # 18-24/72-80
- ☐ 20 MUTE 0-224-256-768 AT 0-0-200-350
- ☐ 21 FILTER 12-18/72-80 HZ
- ☐ 22 PHASE CORRECTION FILTER
- ☐ 23 TRACE NORMALIZE
- ☐ 24 AGC 600 MS.

DISPLAY PARAMETERS

64 0 TR./INCH ☐ -VE ☐ +VE
TAPE NAME (OUT) PROD GDP #83738 ABRNCSB
PROCESSED BY SJ DHANANI

REMARKS

STATICS WINDOW 250-1300 MS