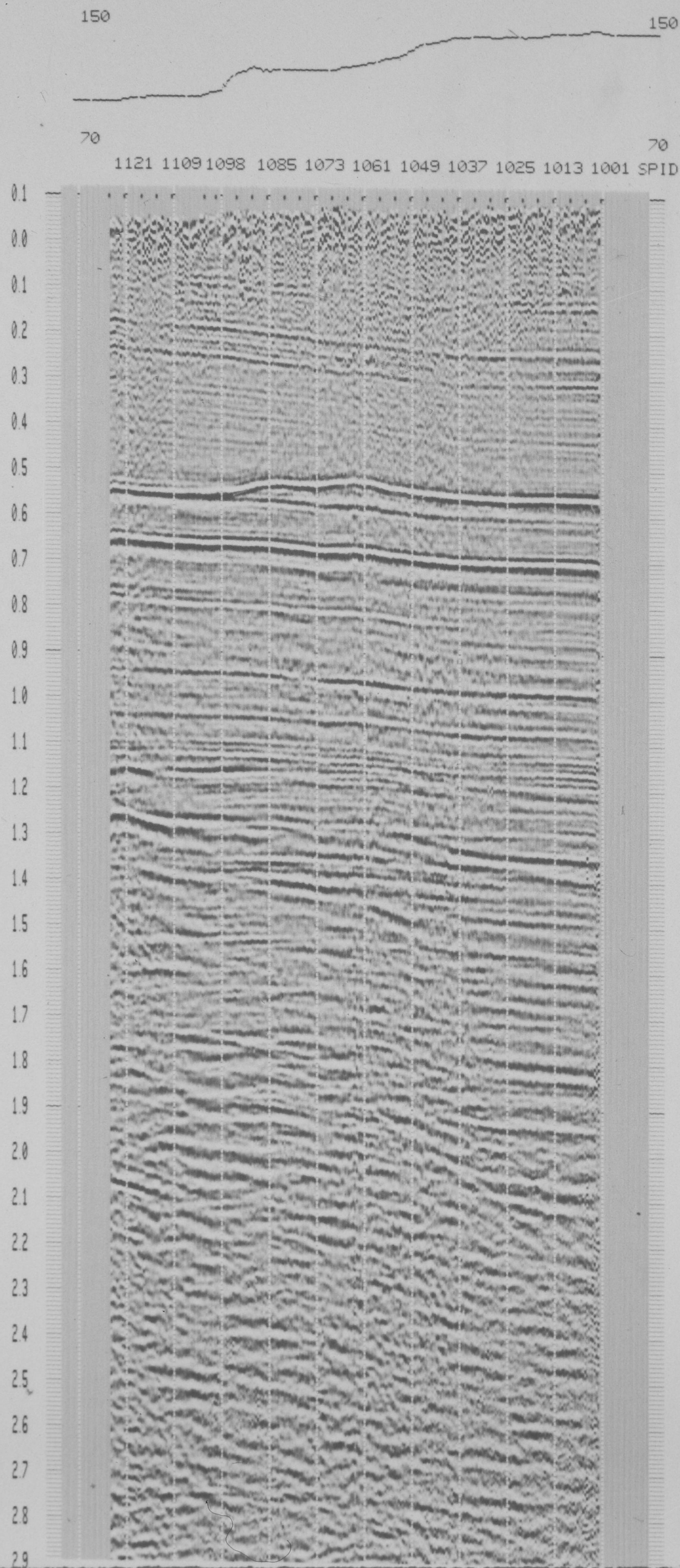


83740 ABRNCSB

81-06-04 PROPRIETARY FINAL SECTION

81-E34 83740 1/1



2 KM=-----

N.W.

S.E.

1125
SP.

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

LINE 83740

AREA NORMAN WELLS N.W.T.

PART ONE OF ONE

DATE 81-06-04

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 14' LONG 127 08'
DIRECTION OF SHOOTING NORTHWEST

GEOPHONES

TYPE GEOSPACE 20D/10HZ NO. GROUPS 48
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 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 300-800 SEC.
- 2 GAIN ☒ EXPONENTIAL ☐ GEORCOR
- ☐ VERTICAL SUMMATION TO 1
- ☐ HORIZONTAL SUMMATION TO 1
- ☐ BIMATION TO MS.
- 4 DECON BEFORE STACK CAMFIL
OPERATOR LENGTH 60 MS.
DESIGN GATE 200-1500 MS.
- ☐ FILTER
- 6 VELOCITY ANALYSIS MANUAL; LONG SPREAD&CDP GATHER
- 8 NMO
- 11 6 IS FOLD CDP STACK. SB INTERVAL 16 M.
- ☐ DECON AFTER STACK
OPERATOR LENGTH MS.
DESIGN GATE MS.
- 3 FILTER 18-24/72-80
- 7 MUTE 0-224-256-768 AT 0-0-200-350
- 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 #83740 ABRNCSB
PROCESSED BY SJ DHANANI

REMARKS

STATICS WINDOW 250-1300 MS.