

ABBNC SBR

81-06-03 PROPRIETARY FINAL SECTION

81-E34 83742 1/1

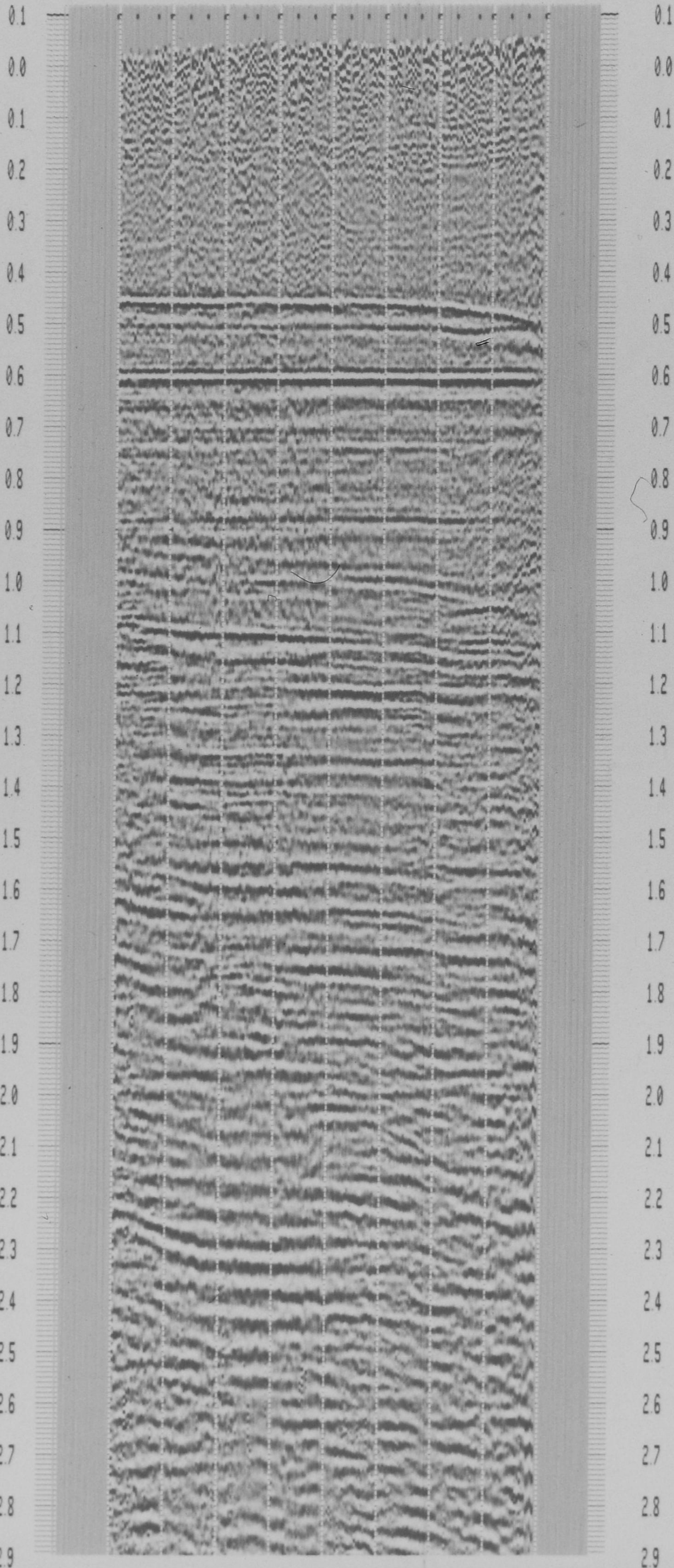
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ESSO RESOURCES CANADA LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

1001
SP.

LINE 83742

AREA NORMAN WELLS N.W.T.

PART ONE OF ONE

DATE 81-06-03

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 126 59'
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 400-1400 MSEC.
- 2 GAIN ☒ EXPONENTIAL ☐ GEOR
- ☐ VERTICAL SUMMATION TO 1
- ☐ HORIZONTAL SUMMATION TO 1
- ☐ BINATION TO MS.
- 3 DECON BEFORE STACK CAMFIL
OPERATOR LENGTH 60 MS.
DESIGN GATE 200-1200 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.
- 4 FILTER 12-18/72-80
- 7 MUTE 0-192-224-768 AT 0-0-200-350
- 12 FILTER 12-18/72-80 HZ.
- 14 FLATTENING
- ☐
- ☐
- ☐ PHASE CORRECTION FILTER
- ☐ TRACE NORMALIZE
- 13 AGC 600 MS.

DISPLAY PARAMETERS

64.0 TR./INCH ☒ -VE ☐ +VE
TAPE NAME (OUT) PROD GDP #83742 ABBNC SBR
PROCESSED BY SJ DHANANI

REMARKS

STATICS WINDOW 250-1300 MS.
DECON DESIGN GATE AT SGD 768M.
EXTRAPOLATED TO 200-1200MSEC.