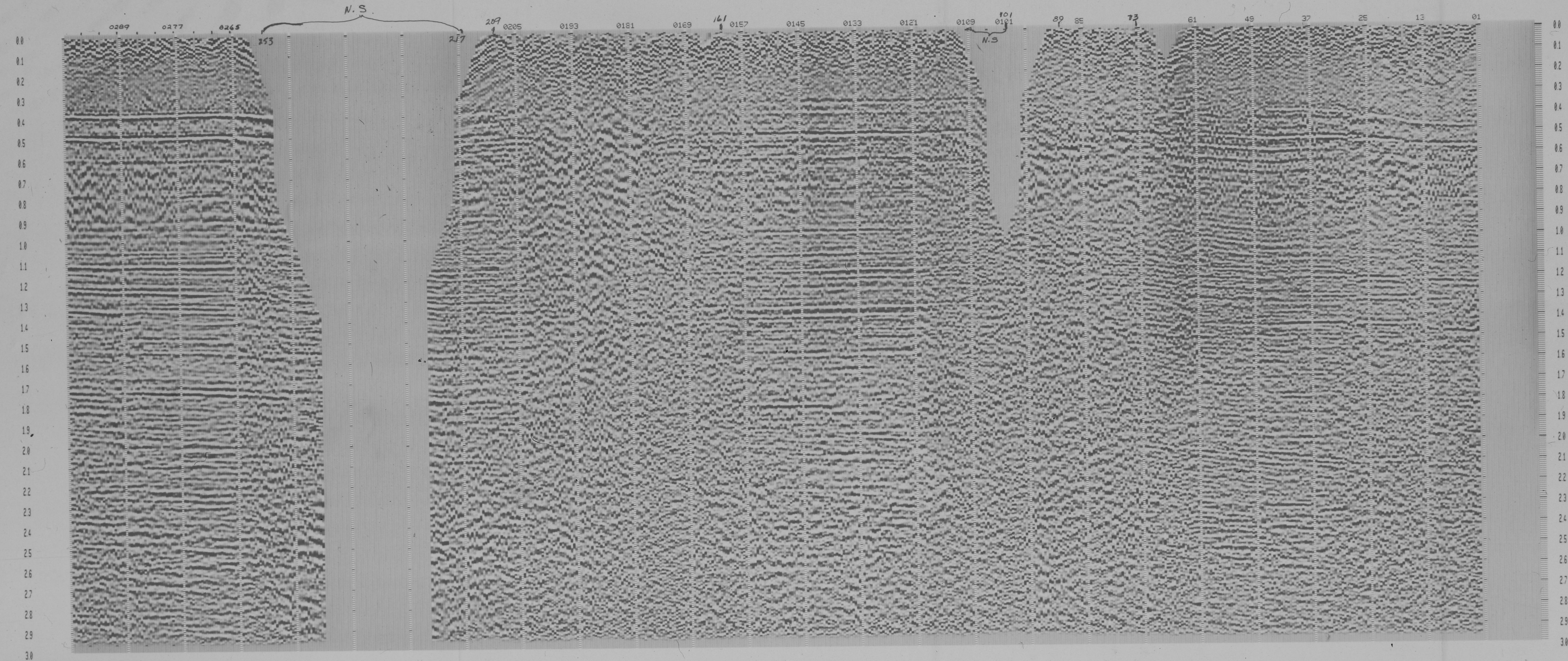


ECTION

78 124 42040 BNRSK1

78-09-28 PROPRIETARY FINAL SECTION

78-124-42040



1 MILE =

IMPERIAL OIL LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 78-124-42040 (1) AREA NORTH WELLS
PART ONE OF ONE DATE 78-09-28

FIELD RECORDING - LAND

CONTRACTOR GSI PTY NO. 78 124
DATE SHOT APR 9 1978

ENERGY SOURCE
TYPE GEOSOL
ARRAY LINEAR LENGTH
SHOT INTERVAL 440 FT

SURVEY LOCATION
START OF LINE SP 1 LAT 55-15 LONG 126-53
DIRECTION OF SHOOTING NW

GEOPHONES
TYPE MARK NO. GROUPS 35
GEOPHONES/GROUP 9 GROUP INTERVAL 110 FT
ARRAY LINEAR LENGTH 100 FT
SP 25 SP 24

RECORDING CONFIGURATION 24 24 SPLIT
DISTANCES IN FEET METRES

RECORDING INSTRUMENTS
SYSTEM ICS IV NO. CHANNELS 52
FORMAT SEG B GAIN TYPE JFP
RECORD LENGTH 2 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 12 DB/OCTAVE
HI 12 HZ SLOPE 22 DB/OCTAVE

FIELD POLARITY COMPRESSIONAL WAVE
RECORDED AS SEG VALUES

PROCESSING SEQUENCE

1 DEMULT
2 DATUM 0 DATUM VEL. 10000 FT./SEC.
3 STATICS COMBAT COMSTA GATE 300-1500
4 STATICS AUTSTA 300-1600
5 GAIN EXPONENTIAL GEOPH
6 VERTICAL SUMMATION TO 1
7 HORIZONTAL SUMMATION TO 1
8 BINATION TO MS.
9 DECON BEFORE STACK LEAST SQUARES
10 OPERATOR LENGTH 20 MS.
11 DESIGN GATE VARIABLE MS.
12 FILTER 11-15-5000
13 VELOCITY ANALYSIS 1000 PREP SINGLE FOLD
14 NMO
15 FOLD COP STACK, SB INTERVAL 55 FT
16 DECON AFTER STACK
17 OPERATOR LENGTH MS.
18 DESIGN GATE MS.
19 FILTER 500 13000 13
20
21
22
23
24
25
26
27
28
29
30

PHASE CORRECTION FILTER 12 152 2
TRACE NORMALIZE
AGC 500 MS.

DISPLAY PARAMETERS

TAPE NAME (OUT) PROD GIP 42040 BNRSK1
PROCESSED BY BGC BNRSK1

REMARKS

D1 - 2640 FT D. 12640 FT
SP 1-213 - 267-309 - 354-445 BY 4