

78-124-42041

78 124
78-10-

1 MILE =

IMPERIAL OIL LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 78 124-42041 AREA NORTH WELLS
PART ONE OF ONE DATE 78-10-05

FIELD RECORDING - LAND

CONTRACTOR 001 PTY NO. 78-124
DATE SHOT MAR 31 + APR 78

ENERGY SOURCE
TYPE GEO GEL AND PUMPER
ARRAY LINEAR LENGTH 404FEET
SHOT INTERVAL 220 + 440

SURVEY LOCATION
START OF LINE SP 35 LAT 53-13 LONG 126-54
DIRECTION OF SHOOTING N-E

GEOPHONES
TYPE M-80 NO. GROUPS 48
GEOPHONES/GROUP 9 GROUP INTERVAL 110
ARRAY LINEAR LENGTH 1150

RECORDING CONFIGURATION
DISTANCES IN FEET METRES
2530 2424 2530

RECORDING INSTRUMENTS
SYSTEM REC IV NO. CHANNELS 52
FORMAT REC E GAIN TYPE IFP
RECORD LENGTH 3.5 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 18 DB/OCTAVE
HI 12 HZ SLOPE 22 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS POSITIVE VALUES

PROCESSING SEQUENCE

1 DEMULT
2 DATUM 0 DATUM VEL. 10000 FT./SEC.
3 STATICS# CORRIGION GATE 400-2400
4 STATICS# AUTO GATE 300-1000
5 GAIN# EXPONENTIAL GEOCOR
6 VERTICAL SUMMATION TO 1
7 HORIZONTAL SUMMATION TO 1
8 BINMATION TO MS.
9 DECON BEFORE STACK # LEAST SQUARES
10 OPERATOR LENGTH 50 MS.
11 DESIGN GATE VARIABLE MS.
12 FILTER # 11-18-60-70
13 VELOCITY ANALYSIS # LONG SPECTRUM SINGLE FOLD
14 FOLD COP STACK. 50 INTERVAL 50 FT
15 DECON AFTER STACK #
16 OPERATOR LENGTH MS.
17 DESIGN GATE MS.
18 FILTER # 11-18-60-70
19 PHASE CORRECTION FILTER 12 18 2 2
20 TRACE NORMALIZE
21 AGC 500 MS.

DISPLAY PARAMETERS

TAPE NAME (OUT) PROD GSP 42041 DBNR/RSK1
PROCESSED BY SBC TARR-1

REMARKS

D1-2640 D4-2640
SP 35-45 BY 4, 147-125 BY 2
121-1 BY 4

