

78 I24 42091 WDBNRSK1
78-09-26 PROPRIETARY

78-I24-42091

1 MILE =

IMPERIAL OIL LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 78-124-42091 (1) AREA 100000 WELLS
PART ONE OF ONE DATE 78-09-26

FIELD RECORDING - LAND

CONTRACTOR 021 PTY NO. 78 124
DATE SHOT APR 6-7 1978

ENERGY SOURCE

TYPE GEODEL
ARRAY LINEAR LENGTH
SHOT INTERVAL 440 FT

SURVEY LOCATION

START OF LINE SP 1 LAT 55-15 1000 125-52
DIRECTION OF SHOOTING

GEOPHONES

TYPE 11-11 NO. GROUPS 48
GEOPHONES/GROUP 9 GROUP INTERVAL 110 FT
ARRAY LINEAR LENGTH 150 FT

RECORDING CONFIGURATION 24-24 SPLIT
DISTANCES IN FEET METRES

RECORDING INSTRUMENTS

SYSTEM DFS IV NO. CHANNELS 53
FORMAT SEG E GAIN TYPE IFP
RECORD LENGTH 2 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 12 DB/OCTAVE
HI 12 HZ SLOPE 12 DB/OCTAVE

FIELD POLARITY COMPRESSIONAL WAVE
RECORDED AS 1200 VALUES

PROCESSING SEQUENCE

1 DEMUT
2 DATUM 0 DATUM VEL. 10000 FT./SEC.
3 STATICS# 10000 GATE 300-1000
4 GAIN# EXPONENTIAL GEODEL
5 VERTICAL SUMMATION TO 1
6 HORIZONTAL SUMMATION TO 1
7 BINATION TO MS.
8 DECON BEFORE STACK 1 LATEST SUMMATION
9 OPERATOR LENGTH 20 MS.
10 DESIGN GATE VARIABLE MS.
11 FILTER 1 11-12-50-70
12 VELOCITY ANALYSIS 1 LOGS SPREAD SINGLE FOLD
13 NMO
14 FOLD COP STACK. SB INTERVAL 55 FT
15 DECON AFTER STACK 1
16 OPERATOR LENGTH MS.
17 DESIGN GATE MS.
18 FILTER 1
19 RESEAL 2400 7 2500 7
20
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30
135 PHASE CORRECTION FILTER
136 TRACE NORMALIZE
137 AGC 500 MS.

DISPLAY PARAMETERS

24 0 TR./INCH POLARITY 10000
TAPE NAME (OUT) 78-09-26 42091 WDBNRSK1
PROCESSED BY SEC 100000

REMARKS

D1 -2640 FT D2 -2640 FT
SHOT POINT NUMBERS ARE IN 440 FT
OF 4. 6 173 BY 4
COINCIDENT SPS 117 & 121

