

78-124-42045 (1)

1 MILE =

SH 353 IMPERIAL OIL LTD. 155
SP. GEOPHYSICS, DATA PROCESSING SP. CALGARY, ALBERTA

LINE 78-124-42045 1-2 AREA NORMAN WELLS
PART ONE OF TWO DATE 78-09-26

FIELD RECORDING - LAND

CONTRACTOR GSI PTY NO. 78 124
DATE SHOT APR 4 1978

ENERGY SOURCE
TYPE GEOSOL
ARRAY LINEAR LENGTH
SHOT INTERVAL 440 FT

SURVEY LOCATION
START OF LINE SPER LIT 05-14 1045 127-07
DIRECTION OF SHOOTING

GEOPHONES
TYPE MARK NO. GROUPS 48
GEOPHONES/GROUP 9 GROUP INTERVAL 110 FT
ARRAY LINEAR LENGTH 160 FT
1 24 SP 25 48

RECORDING CONFIGURATION 24 24 SPLIT
DISTANCES IN FEET METRES

RECORDING INSTRUMENTS
SYSTEM OFS IV NO. CHANNELS 53
FORMAT SEG E GAIN TYPE JEP
RECORD LENGTH 3 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 18 DB/OCTAVE
HI 12 HZ SLOPE 28 DB/OCTAVE

FIELD POLARITY COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

1 DEMULT
2 DATUM 0 DATUM VEL. 10000 FT./SEC.
3 STATICS# CHGATCHETH 400-1000
4 STATICS# AUTSTA GATE 400-1000
5 GAIN# EXPONENTIAL GEORC
6 HORIZONTAL SUMMATION TO 1
7 HORIZONTAL SUMMATION TO 1
8 BINATION TO MS.
9 DECON BEFORE STACK # LEAST SQUARE
10 OPERATOR LENGTH 20 MS.
11 DESIGN GATE VARIABLE MS.
12 FILTER # 11-15-50-70
13 VELOCITY ANALYSIS # LOW SPREAD SINGLE FOLD
14 NMO
15 FOLD CDP STACK, 50 INTERVAL 55 FT
16 DECON AFTER STACK #
17 OPERATOR LENGTH MS.
18 DESIGN GATE MS.
19 FILTER # RAULFIL 2300 7 4000 9
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PHASE CORRECTION FILTER 12 18 22
TRACE NORMALIZE
AGC 5000 MS.

DISPLAY PARAMETERS
TAPE NAME (OUT) PROD GEP 42045 DEPRSH-1
PROCESSED BY SBC DEPRSH-1

REMARKS
D1 - 2640 FT DL + 2640 FT
SHOT POINT NUMBERS ARE IN MULTIPLE 20 +
IC, 352-100 BY +
SHOT POINTS WITHIN 50 FT OF EACH OTHER OR
CONCERNANT - 329, 325 / 307, 202 / 201, 257 /
352, 449, 245 / 192, 199

