

181
SE
1
129
SP.
IMPERIAL OIL LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA
SP.

FIELD RECORDING - LAND

ENERGY SOURCE

TYPE GEOGEL
ARRAY LINEAR LENGTH _____
SHOT INTERVAL 440 FT

SURVEY LOCATION

START OF LINE SP 1 LAT 65-17 LONG 127-00
DIRECTION OF SHOOTING SOUTHEAST

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 DFS IV NO. CHANNELS 53
FORMAT SEG B GAIN TYPE IFP
RECORD LENGTH 3 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 18 DB/OCTAVE
HI 12 HZ SLOPE 72 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

- 1 DEMULT _____
 2 DATUM 0 _____ DATUM VEL. 10000 FT./SEC.
 3 STATICS# AUTSTA GATE 300-2000
 4 STATICS# _____
 5 GAIN# ☐ EXPONENTIAL ☐ GEOCR
 ☒ NORMAL AGC 500MS
 6 VERTICAL 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 # 11-15-60-70
 13 VELOCITY ANALYSIS # LONG SPREAD SINGLE FOLD
 14 NMO _____
 15 015 FOLD COP STACK. SB INTERVAL 55 FT
 16 DECON AFTER STACK # _____
 17 OPERATOR LENGTH _____ MS.
 18 DESIGN GATE _____ MS.
 19 FILTER # _____
 20 PHIL FIL 4500 9 2500 15
 21 _____
 22 _____
 23 _____
 24 _____
 25 PHASE CORRECTION FILTER 12 18 2 2
 26 TRACE NORMALIZE _____
 27 AGC 600 MS.

DISPLAY PARAMETERS

24.0 TR./INCH ☒ POLARITY NORMAL
TAPE NAME (OUT) PROD GDP -42039 DENRSK10
PROCESSED BY SBC DENRSK10

REMARKS

D1 -2640 FT DL +2640 FT

