

78 124 42039 WDBNRSK2

78-09-20 PROPRIETARY FINAL SECTION

78-124-42039

Pt. 2/2

1 MILE =

229 SP. IMPERIAL OIL LTD. 277 SP.
GEOPHYSICS. DATA PROCESSING
CALGARY, ALBERTA

LINE 78-124-42039 (2) AREA NORMAN WELLS

PART TWO OF TWO DATE 78-09-20

FIELD RECORDING - LAND

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

ENERGY SOURCE

TYPE GEOTEL
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 22 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

2 DEMULT
3 DATUM 0 DATUM VEL. 10000 FT./SEC.
6 STATICS COMGAT-COMSTA GATE 400-2400
9 STATICS AUTSTA GATE 900-2000
2 GAIN ☐ EXPONENTIAL ☐ GEOCOR
* NORMAL AGC 600MS
☐ VERTICAL SUMMATION TO 1
☐ HORIZONTAL SUMMATION TO 1
☐ BIMATION TO MS.
4 DECON BEFORE STACK LEAST SQUARES
OPERATOR LENGTH 20 MS.
DESIGN GATE VARIABLE MS.
5 FILTER 11-16-50-60
7 VELOCITY ANALYSIS LONG SPREAD SINGLE FOLD
8 NMO
10 SIS FOLD COP STACK. SB INTERVAL 55 FT
☐ DECON AFTER STACK
OPERATOR LENGTH MS.
DESIGN GATE MS.
☐ FILTER
3 RHULFIL 4000 9 7500 13 5000 7
☐
☐
☐
11 PHASE CORRECTION FILTER 12/18 2/2
☐ TRACE NORMALIZE
11 AGC 600 MS.

DISPLAY PARAMETERS

24 0 TR./INCH POLARITY NORMAL
TAPE NAME (OUT) PROD GDP 42039 WDBNRSK2
PROCESSED BY SBC WDBNRSK2

REMARKS

D1 -2640 FT DL +2640 FT

