

81-E34 83747 1/1

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S W N E
1005 ESSO RESOURCES CANADA LTD. 1109
SP. GEOPHYSICS. DATA PROCESSING SP.
CALGARY, ALBERTA

LINE 83747 AREA NORMAN WELLS N.W.T.
PART ONE OF ONE DATE 81-04-06

FIELD RECORDING - LAND

CONTRACTOR WESTERN GEO. PTY NO. 81-E34
DATE SHOT JAN. 1981

ENERGY SOURCE

TYPE DYNAMITE
ARRAY SINGLE HOLE LENGTH
SHOT INTERVAL 64 M.

SURVEY LOCATION

START OF LINE LAT 65 15' LONG 126 40'
DIRECTION OF SHOOTING NORTHEAST

GEOPHONES

TYPE GEOSPACE 20D/10HZ NO. GROUPS 8
GEOPHONES/GROUP 9 GROUP INTERVAL 16 M.
ARRAY LINEAR LENGTH 32 M.
.1 24. SP .25 48.

368 32 368

RECORDING CONFIGURATION 24/24 SPLIT SPREAD
DISTANCES IN ☐ FEET ☒ METRES

RECORDING INSTRUMENTS

SYSTEM SERCEL 338B NO. CHANNELS 48
FORMAT SEG B GAIN TYPE IFP
RECORD LENGTH 3 0 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 12 DB/OCTAVE
HI 125 HZ SLOPE 72 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG. VALUES

PROCESSING SEQUENCE

- ☐ DEMULT
☒ DATUM 0 M. DATUM VEL. 3048 M/SEC
☒ STATICS: COMGAT-COMSTA SHOT& GEO STATICS
☒ STATICS: AUTSTA WINDOW 250-800 SEC.
☒ GAIN: ☒ EXPONENTIAL ☐ GEOCOR
☐ VERTICAL SUMMATION TO 1
☐ HORIZONTAL SUMMATION TO 1
☐ BINMATION TO MS.
☒ DECON BEFORE STACK: CAMFIL
OPERATOR LENGTH 60 MS.
DESIGN GATE 200-1500 MS.
☐ FILTER:
☒ VELOCITY ANALYSIS: MANUAL LONG SPREAD&CDP GATHER
☒ NMO
☒ 6 IS FOLD CDP STACK. SB INTERVAL 8 M.
☐ DECON AFTER STACK:
OPERATOR LENGTH MS.
DESIGN GATE MS.
☒ FILTER: 12-18/72-80
☒ RNULFIL 420/7550/7
☒ MUTE 0-128-144-384 AT 0-0-120-250
☒ FILTER 12-18/72-80 HZ
☒ FLATTENING
☐ PHASE CORRECTION FILTER
☐ TRACE NORMALIZE
☒ AGC 600 MS.

DISPLAY PARAMETERS

64 0 TR./INCH ☒ -VE ☐ +VE
TAPE NAME (OUT) PROD GDP #83747 AWDNCSBR
PROCESSED BY SJ DHANANI

REMARKS

STATICS WINDOW 200-1200 MS.

130

60

SPID 1005 1017 1029 1041 1053 1065 1077 1089 1101

