

81-E34 83750 1/1

500 M-----
S.W. N.E.
1001 ESSO RESOURCES CANADA LTD. 1297
SP. GEOPHYSICS, DATA PROCESSING SP.
CALGARY, ALBERTA

LINE 83750 AREA NORMAN WELLS N.W.T.
PART ONE OF ONE DATE 81-04-09

FIELD RECORDING - LAND

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

ENERGY SOURCE

TYPE DYNAMITE
ARRAY SINGLE HOLE LENGTH
SHOT INTERVAL 32 M.

SURVEY LOCATION

START OF LINE LAT 65 47' LONG 127 17'
DIRECTION OF SHOOTING NORTHEAST

GEOPHONES

TYPE GEOSPACE 20D/10 HMO. GROUPS 8
GEOPHONES/GROUP 9 GROUP INTERVAL 8 M.
ARRAY LINEAR LENGTH 16 M.
.1 24. SP .25 48.

184 16 184
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

- ☒ 1 DEMULT
☒ 10 DATUM 0 M. DATUM VEL. 3048 M/SEC
☒ 15 STATICS COMGAT-COMSTA SHOT & GEO STATICS
☒ 11 STATICS AUTSTA WINDOW 250-800 SEC.
☒ 2 GAIN ☒ EXPONENTIAL ☐ GEOCOR
☐ VERTICAL SUMMATION TO 1
☐ HORIZONTAL SUMMATION TO 1
☐ BINNING TO MS.
☒ 5 DECON BEFORE STACK CAMPIL
OPERATOR LENGTH 60 MS.
DESIGN GATE 200-1500 MS.
☐ FILTER #
☒ 7 VELOCITY ANALYSIS MANUAL LONG SPREAD & CDP GATHER
☒ 9 NMO
☒ 12 6 IS FOLD CDP STACK. SB INTERVAL 4 M.
☐ DECON AFTER STACK
OPERATOR LENGTH MS.
DESIGN GATE MS.
☒ 3 FILTER # 18-24/72-80
☒ 4 RNULFIL 600/7-900/7 AND 1300/7
☒ 8 MUTE 0-64-72-192 AT 0-0-120-250
☒ 13 FILTER 12-18/72-80 HZ.
☐
☐ PHASE CORRECTION FILTER
☐ TRACE NORMALIZE
☒ 14 AGC 600 MS.

DISPLAY PARAMETERS

64.0 TR./INCH ☒ -VE ☐ +VE
TAPE NAME (OUT) PROD GDP #83750 AWDNRBSB
PROCESSED BY SJ DHANANI

REMARKS

STATICS WINDOW 200-1200 MS.

