

81-E34 83750 1/1

500 M-----

S.W. N.E.
1001 SP. ESSO RESOURCES CANADA LTD. 1297 SP.
GEOPHYSICS, DATA PROCESSING
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 H20. GROUPS 8
GEOPHONES/GROUP 9 GROUP INTERVAL 8 M.
ARRAY LINEAR LENGTH 16 M.
.1 24. SP .25 48.

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 12DB/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
- 6 STATICS COMGAT-COMSTA SHOT& GEO STATICS
- 11 STATICS AUTSTA WINDOW 250-800 SEC.
- 2 GAIN ☒ EXPONENTIAL ☐ GEOR
- ☐ VERTICAL SUMMATION TO 1
- ☐ HORIZONTAL SUMMATION TO 1
- ☐ BINATION TO MS.
- 5 DECON BEFORE STACK CAMFIL
OPERATOR LENGTH 60 MS.
DESIGN GATE 200-1500 MS.
- ☐ FILTER
- 7 VELOCITY ANALYSIS MANUAL LONG SPREAD&CDP GATHER
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
- 15 FLATTENING
- ☐ PHASE CORRECTION FILTER
- ☐ TRACE NORMALIZE
- 14 AGC 600 MS.

DISPLAY PARAMETERS

64.0 TR./INCH ☒ -VE ☐ +VE
TAPE NAME (OUT) PROD GDP #83750 AWDNS BR1
PROCESSED BY SJ DHANANI

REMARKS

STATICS WINDOW 200-1200 MS

