



2060 Mainway Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-9571
Telex: 053-3502
Cable: TERRA

PROJ. NO.

9

2

2

9

-

J

1

-

1

E

LINE NO.

8

4

9

6

5

PART NO.

1

OF

1

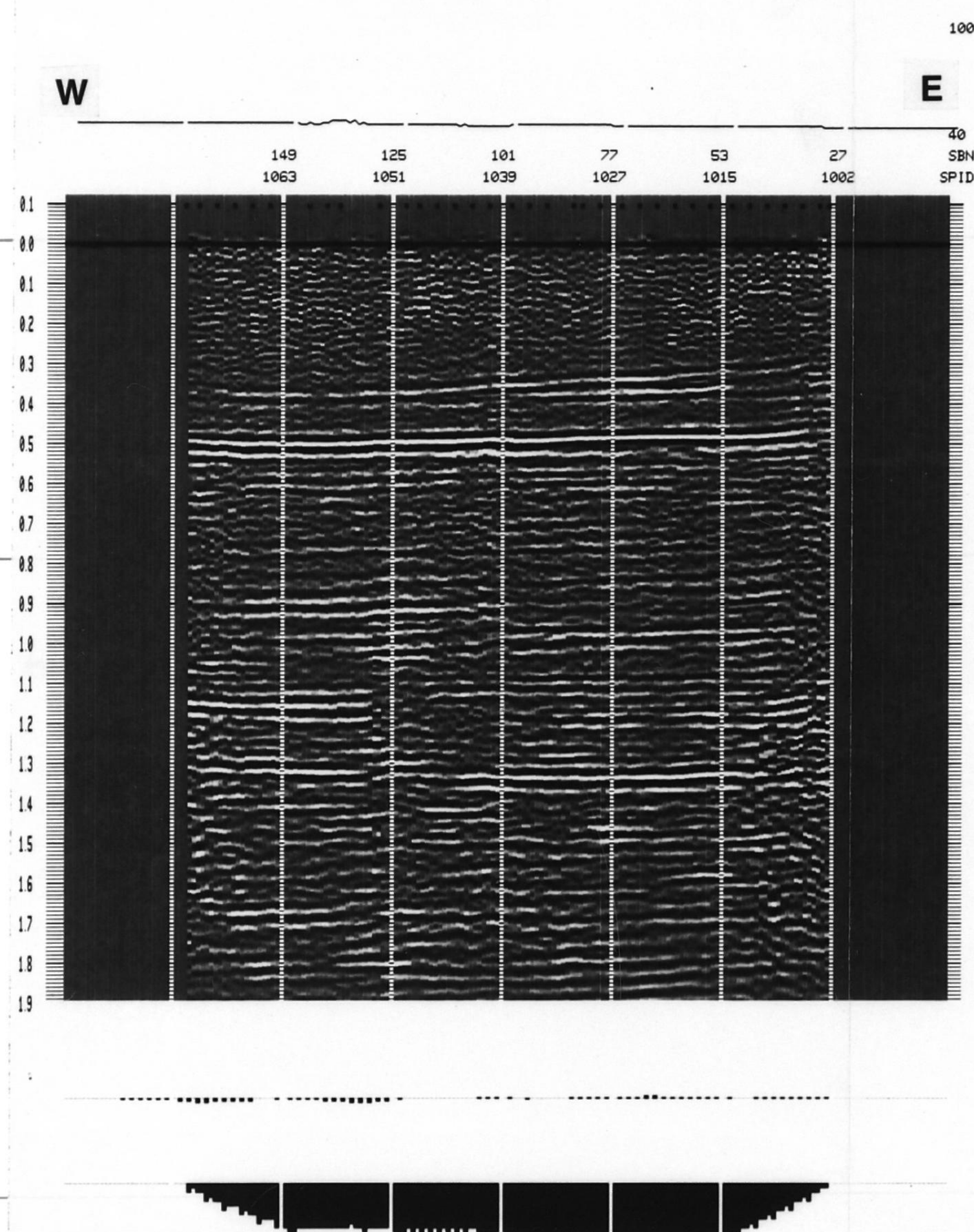
R.R. 8X

9229-J1-1E

83-E47-84965

83-E47- 84965 BDNRSDB2
85-12-17 PROPRIETARY FINAL ZERO PHA

ESSO NORMAL



1 Km	
W	E
1073	ESSO RESOURCES CANADA LTD. 1002
SP	GEOPHYSICAL DATA PROCESSING
ALBERTA	
LINE 83-E47-84965	AREA NORTH WELLS
PART ONE OF ONE	DATE 85-12-17
FIELD RECORDING - LAND	
CONTRACTOR PACER	PTY NO. 83-E47
DATE SHOT APR 04 1983	
ENERGY SOURCE	
TYPE DYNAMITE AT 18 M	
ARRAY 1 HOLE	LENGTH
SHOT INTERVAL .66 M	
SURVEY LOCATION	
START OF LINE LAT 55 17 LONG 126 56	
DIRECTION OF SHOOTING WEST	
GEOPHONES	
TYPE MARK L-25 14 HZ NO GROUPS 48	
GEOPHONES/GROUP 9 AT	GROUP INTERVAL 33 M
ARRAY LINEAR (INLINE)	LENGTH 33 M
48	SP 24
25	01
RECORDING CONFIGURATION 24/24 SPLIT SPREAD	
DISTANCES IN FEET DEVICES	
RECORDING INSTRUMENTS	
SYSTEM MDS 10 NO. CHANNELS 51	
FORMAT SEC 8	SCAN TYPE 177
RECORD LENGTH 3.0 SEC.	SAMPLE RATE 2 Ks.
RECORD FILTERS LO 69	HZ SLOPE 18 DB/OCTAVE
HI 128	HZ SLOPE 72 DB/OCTAVE
FIELD POLARITY COMPRESSIONAL WAVE	
RECORDED AS POS VALUES	
PROCESSING SEQUENCE	
☐ 1 DEMULT. POLARITY INVERTED IN SEISDIT	
☐ 2 GAIN: EXPONENTIAL	
☐ 3 SMOOTHING TO 4 MS	
☐ 4 VELOCITY FILTER RNLFIL V=2300/8 V=1500/7	
☐ 5 FILTER MP SHAPING (APPROX 8-35-80-120)	
☐ 6 RECON BEFORE STACK WITH PH SPLITTING TAPERED	
OPERATOR 80 MS	
DESIGN GATE 200-1200 MS	
☐ 7 STATICS APPLY SHOT AND GEOPHONE STATICS	
☐ 8 VELOCITY ANALYSIS: HIREZ	
☐ 9 NMO+STA STATICS	
☐ 10 DATUM 0 M DATUM VEL 3048 MS	
☐ 11 MUTE D=131 200 825 1500 T=0 180 480 800	
☐ 12 STATICS CDP RESIDUAL AUTST W=400 800	
☐ 13 STACK 12 FOLD SEN INT=16.5 M	
☐ 14 RECON AFTER STACK 1 GATE SHAPING 20-50-1 HZ	
OP=72 MS DESIGN=400-1600 MS	
☐ 15 PHASE CORRECTION FILTER: 2P CONJ FROM PULSE	
☐ 16 2P FILTER 17-25-55-75	
GAIN: AGC W=600 MS	
☐ 14A 5 TR RHA UTS 1 5 20 5 1	
☐ D1=-825H DL=825H	
INDEX=100	
☐ GEO STAT W=400-1300	
☐ SHOT STAT W=400-1300	
DISPLAY PARAMETERS	
24 0 TR/INCH	
TAPE NAME (OUT) PRODP 83-E47-84965 BDNRSDB2	
PROCESSED BY JLG	