LINE AN85-1

VP'S 101.5 - 1567.5

VELOCITY FILTERED STACK

ARCTIC NATIONAL WILDLIFE REFUGE
NORTH SLOPE ALASKA

EAST

RECORDING PARAMETERS

RECORDED BY GSI	:	PARTY 1186
DATE RECORDED	:	JANUARY 1985
INSTRUMENT	:	DFS V
NUM. OF CHANS.	:	120
GROUP INTERVAL	:	110 FEET
VP INTERVAL	:	110 FEET
FOLD COVERAGE	:	60
SPREAD CONFIGURATION	:	2915-385-VP-385-10835
UNCORR RECORD LENGTH	:	14 SECONDS
SAMPLE RATE	:	4 MS.
ENERGY SOURCE	:	VIBRATOR
SWEEP FREQUENCY	:	8 - 90 HZ LINEAR UPSWEEP
SWEEP LENGTH	:	8 SECONDS
RECORDING FILTER	:	12 HZ 18 DB/OCTAVE LOW
RECORDING FILTER	:	90 HZ 72/DB OCTAVE HIGH
GEOPHONE ARRAY	:	INLINE - 24 PER GROUP
GEOPHONE TYPE	:	GSC 20D - 10 HZ

PROCESSING SEQUENCE

DEMULTIPLEX AND CORRELATE
DATUM STATICS APPLIED
  DATUM : SEA LEVEL
  REPLACEMENT VELOCITY : 10000 FT/SEC
CDP SORT
TRACE BALANCE : MULTIPLE TIME GATES
SPIKING DECONVOLUTION : 100 MS OPERATOR - .1 % WHITE NOISE
  DESIGN GATES : 200 - 2500 2000 - 4500 4000 - 6000
  APPLICATION GATES : 0 - 2500 2200 - 4000 4200 - 6000
VELOCITY ANALYSIS AND NMO CORRECTIONS
SURFACE CONSISTENT RESIDUAL STATIC CORRECTIONS
MUTE : OFFSET - TIME(MS) 385 - 0 2750 - 620 10835 - 2060
CDP STACK
TRACE BALANCE : MULTIPLE TIME GATES
TIME VARIANT BANDPASS FILTER

TIME GATES	FILTER
0 - 2000 MS	14/18 - 70/80
2400 - 6000 MS	8/12 - 50/60

F-K FILTER : PASS BAND +/1 12 MS/TRACE

PROCESSED BY U.S. GEOLOGIC SURVEY , DENVER , CO.
GEOPHYSICIST : JIM LEINBACH

DISPLAY PARAMETERS

TRACES PER INCH : 40 INCHES PER SEC. : 2.5
POLARITY : NORMAL DATE PROCESSED : SEPTEMBER 1985

USERNAME: ANWR PLOT JOBID: 789 G: I C: J DATE: 16-SEP-85 16:46
FINAL
RMS = 0.10132E+09 GAIN = 0.75000
POLARITY NORMAL - POSITIVE DATA(600MS @ 4. SAMPLES)
SECOND AVERAGE USING 4 WINDOWS OVER ENTIRE TRACE INCLUDING ZERO SAMPLES

0.00
1.00
2.00
3.00
4.00
5.00
6.00