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PROJ. NO.

9229-103

LINE NO.

69-JAL-103

PART NO.

1 OF 1

R.R. 8X

9229-103

PETRO-CANADA EXPLORATION INC.

LINE: 69-JAL-103
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP221 N SP189

F-K FILTER SECTION

POLARITY ☒ NP ☐ RP
FIRST KICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS

SHOT BY: TELETYPE EXPLORATION
DATE: FEB 1989
SPREAD: 552 N - 48 N - 48 N - 552 N
SOURCE INTERVAL: 82 N
RECEIVER INTERVAL: 48 N
SOURCE: DYNAMITE, 2 HOLES, 30 N SPACING,
1.5 LBS AT 12 METERS DEPTH
RECEIVERS: EVS-2, 28 HZ, 8 OVER 48 METERS
INSTRUMENTS: TI-10000 24 TRACE
GAIN MODE: 62C
TAPE FORMAT: TIAC
FIELD FILTERS: 25-125 HZ
SAMPLE RATE: 2 NS.

PROCESSING PARAMETERS

PROCESSED BY GEO-X
DATE: MAR 1989
DIGITAL CONVERSION
DECONVOLUTION TYPE: SPINNING
OPERATOR LENGTH: 60 NS.
PREHINTERING: 1 S
GATE: 200-1000 NS. AT 0 OFFSET
400-1000 NS. AT 552 N OFFSET
STRUCTURAL CORRECTIONS DATUM ELEVATION: 500 N
DATUM VELOCITY: 4500 M/SEC.
PROCESSING DATUM: -100 NS.
ELEVATION, HEATHERING, AND DRIFT
ANALYSIS PRELIMINARY VELOCITIES AND STATICS
STATICS SURFACE STACK RESIDUAL
TRACE HILLS
VELOCITY ANALYSIS
FINAL HORIZON
NEAR SCALING 100-850 NS.
MUTE DISTANCE(M) 255 100
TIME(MS) 500 100
STATICS SURFACE CONSISTENT RESIDUAL
MINIMUM: 100-850 NS.
TRACE GATHER FOLD: 8
STATICS COP CROSS CORRELATION
STACK
F-K FILTER DATA OUTSIDE +/- 2 NS./TR.
ATTENUATED BY 6 DB.
FILTER 16/22 - 80/80 HZ
EQUALIZATION NEAR MINIMUM: 100-850 NS.
SCALING TIME(MS) 10-100 200-300 400-1000
AMOUNT(%) 100 145 100
DISPLAY HORIZONTAL SCALE = 24 TR./IN.
VERTICAL SCALE = 7.5 IN./SEC.

LINE	MG	CAMERON HILLS	PK
TIME V-RMS V-INT		TIME V-RMS V-INT	
59 2817 2817		42 2753 2753	
133 2828 2828		134 2830 2830	
253 2831 2831		255 2836 2836	
343 2838 2838		316 2838 2838	
414 2838 2838		412 2838 2838	
516 2838 2838		486 2838 2838	
589 2838 2838		547 2838 2838	
709 2838 2838		561 2838 2838	
769 2838 2838		744 2838 2838	
889 2838 2838		887 2838 2838	
1034 2838 2838		1034 2838 2838	

