

9229-PCR-10E

PETRO-CANADA
EXPLORATION INC.

LINE: 86-PCR-8089
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP 666 N SP 126

MIGRATED SECTION

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

ACQUISITION PARAMETERS

SHOT BY: SONICS EXPLORATION PTY. 901
DATE: JAN 1986
SPREAD: 630 M - 40 M * 40 M - 630 M
SOURCE INTERVAL: 50 M
RECEIVER INTERVAL: 10 M
SOURCE: VIBROSEIS, 3 VIBRS, 30 M DRAG,
12 SEC SWEEP, 14-96 HZ, 8 SURS
OIG, 14 HZ, 9 OVER 10 METERS
RECEIVERS: DPS-V FT-1 120 TRACE
INSTRUMENTS: IFF
GAIN MODE: SEG 1
TAPE FORMAT: OUT-128 HZ NOTCH: OUT
FIELD FILTERS: 2 NS.
SAMPLE RATE:

PROCESSING PARAMETERS

PROCESSED BY: GEO-X
DATE: MAR 1986
DIGITAL CONVERSION
AMPLITUDE RECOVERY (ATIEXP10T)
DECONVOLUTION TYPE: ZERO-PHASE
OPERATOR LENGTH: 60 NS.
PREWHITENING: 1.2
GATE: 200-1000 NS. AT 0 OFFSET
450-1030 NS. AT 630 M OFFSET
STRUCTURAL CORRECTIONS DATUM ELEVATION: 300 M
DATUM VELOCITY: 4500 M/SEC.
PROCESSING DATUM: -100 MS.
ELEVATION, WEATHERING, AND DRIFT
(DYNAMIC REFRACTION SURVEY)
ANALYSIS PRELIMINARY VELOCITIES AND STATICS
STATICS SURFACE STACK RESIDUAL
TRACE KILLS
VELOCITY ANALYSIS
FINAL MOVEOUT
MEAN SCALING 100-850 NS.
MUTE DISTANCE(M) 140 1260
TIME(MS) 210 1000
STATICS SURFACE CONSISTENT RESIDUAL
WINDOW: 100-850 NS.
TRACE GATHER FOLD: 12
STATICS COP CROSS CORRELATION
STACK
PREDICTIVE DECONVOLUTION OPERATOR LENGTH: 60 NS.
PREDICTION DISTANCE: 30 NS.
WINDOW: 50-850 NS.
MIGRATION N-K MIGRATION
80% STACKING VELOCITIES
FILTER 14/18 - 80/90 HZ
EQUALIZATION MEAN WINDOW: 100-850 NS.
DISPLAY HORIZONTAL SCALE = 36 TR./IN.
VERTICAL SCALE = 7.5 IN./SEC.

