

0229-P23-162

PETRO-CANADA
EXPLORATION INC.

LINE: 86-PCR-8087
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP 586 N SP 101

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 SHEEP, 14-80 HZ, 8 SURS
OTO, 14 HZ, 9 OVER 10 METERS
RECEIVERS:
INSTRUMENTS: DFS-V FT-1 120 TRACE
GAIN MODE: IFP
TAPE FORMAT: SEC 1
FIELD FILTERS: OUT-128 HZ NOTCH: OUT
SAMPLE RATE: 2 MS.

PROCESSING PARAMETERS

PROCESSED BY GEO-X
DATE: MAR 1986
DIGITAL CONVERSION
AMPLITUDE RECOVERY (ATIEXP(BT))
DECONVOLUTION
TYPE: ZERO-PHASE
OPERATOR LENGTH: 60 MS.
PREWHITENING: 1 S
GATE: 200-1000 MS. AT 0 OFFSET
450-1000 MS. AT 630 M OFFSET
STRUCTURAL CORRECTIONS
DATUM ELEVATION: 300 M
DATUM VELOCITY: 4500 M/SEC.
PROCESSING DATUM: -100 MS.
ELEVATION, WEATHERING, AND DRIFT
(OTHRANITE REFRACTION SURVEY)
ANALYSIS
PRELIMINARY VELOCITIES AND STATICS
STATICS
SURFACE STACK RESIDUAL
VELOCITY ANALYSIS
FINAL MOVEOUT
NEAR SCALING: 100-850 MS.
MUTE DISTANCE(M) 140 1200
TIME(MS) 210 1000
STATICS
SURFACE CONSISTENT RESIDUAL
WINDOW: 100-850 MS.
TRACE GATHER
FOLD: 12
STATICS
CDP CROSS CORRELATION
STACK
PREDICTIVE
DECONVOLUTION
OPERATOR LENGTH: 60 MS.
PREDICTION DISTANCE: 30 MS.
WINDOW: 50-850 MS.
MIGRATION
R-N MIGRATION
800 STACKING VELOCITIES
FILTER
14/18 - 80/90 HZ
MEAN WINDOW: 100-850 MS.
EQUALIZATION
HORIZONTAL SCALE = 36 TR./IN.
VERTICAL SCALE = 7.5 IN./SEC.

