

9229-P28-16E

PETRO-CANADA
EXPLORATION INC.

LINE: 86-PCR-8069
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP 1721 N.E. SP 316

MIGRATED SECTION

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

ACQUISITION PARAMETERS

SHOT BY: SONICS EXPLORATION PTY. 901
DATE: FEB 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, 6 SUMS, VARI SHEEP
870, 14 MZ, 5 OVER 10 METERS
RECEIVERS: DVS-V FT-1 120 TRACE
INSTRUMENTS: IEP
GAIN MODE: SEC 1
TAPE FORMAT: 8-128 MZ
FIELD FILTERS: 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 Z
GATE: 200-1000 MS. AT 0 OFFSET
450-1030 MS. AT 630 M OFFSET
STRUCTURAL CORRECTIONS DATUM ELEVATION: 300 M
DATUM VELOCITY: 4500 M/SEC.
PROCESSING DATUM: -100 MS.
ELEVATION, HEATHERING, AND DRIFT
(DYNAMIC REFRACTION SURVEY)
ANALYSIS PRELIMINARY VELOCITIES AND STATICS
STATICS SURFACE STACK RESIDUAL
TRACE KILLS
VELOCITY ANALYSIS
FINAL MOVEOUT
NEAR SCALING 100-850 MS.
MUTE DISTANCE(M) 140 1260
TIME(MS) 210 1000
STATICS SURFACE CONSISTENT RESIDUAL
WINDOW: 100-850 MS.
TRACE GATHER FOLD: 12
STATICS COP CROSS CORRELATION
STACK
PREDICTIVE OPERATOR LENGTH: 60 MS.
DECONVOLUTION PREDICTION DISTANCE: 30 MS.
WINDOW: 50-850 MS.
MIGRATION N-K MIGRATION
80% STACKING VELOCITIES
FILTER 14/18 - 80/90 HZ
EQUALIZATION
NEAR WINDOW: 100-850 MS.
DISPLAY HORIZONTAL SCALE = 36 TR./IN.
VERTICAL SCALE = 7.5 IN./SEC.



2060 Watney Rd.
Ottawa, Ont.
Canada K1G 3P3
Tel: 613-833-1111
Fax: 613-833-1111
Cable: TERRA

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