



2000 Wilkley Rd.
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Cable: TERRA

PROJ. NO.

9 2 2 9 - P 2 8 - 1 6 E

LINE NO.

8 6 - P C R - 8 0 1 4

PART NO.

1 OF 2

R.R. 8X

9229-P28-16E

PETRO-CANADA
EXPLORATION INC.

LINE: 86-PCR-8014
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP 101 S.E. SP 941

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 SUNS, VARI SHEEP
010, 14 HZ, 9 OVER 10 METERS
RECEIVERS: DFS-V FT-1 120 TRACE
CABLE MODE: 1P
TAPE FORMAT: SEG Y
FIELD FILTERS: 8-128 HZ
SAMPLE RATE: 2 MS. NOTCH: OUT

PROCESSING PARAMETERS

PROCESSED BY GEO-X
DATE: MAR 1986
DIGITAL CONVERSION
AMPLITUDE RECOVERY: 1ATVEXP(BT)
DECONVOLUTION: TYPE: ZERO-PHASE
OPERATOR LENGTH: 60 MS.
PREWHITENING: 1 %
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, 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 MS.
MUTE: DISTANCE(M) 140 1260
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: N-K MIGRATION
80% STACKING VELOCITIES
FILTER: 14/18 - 80/90 HZ
EQUALIZATION: MEAN WINDOW: 100-850 MS.
DISPLAY: HORIZONTAL SCALE = 36 IN./IN.
VERTICAL SCALE = 1.5 IN./SEC.



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2 OF 2

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GWERN HILL 5014 M

