

9220-PCR-8073

PETRO-CANADA
EXPLORATION INC.

LINE: 86-PCR-8073
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP 836 N SP 101

MIGRATED SECTION

POLARITY ☒ NP ☐ RP
FIRST RICK 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, 14-90 HZ, 8 SUBS
OTO, 14 HZ, 9 OVER 10 METERS
RECEIVERS: DFS-V FT-1 120 TRACE
INSTRUMENTS: IFF
CABLE MODE: SEC 1
TIME FORMAT: OUT-128 HZ
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, WEATHERING, AND DRIFT
(DYNAMIC REFRACTION SURVEY)
ANALYSIS PRELIMINARY VELOCITIES AND STATICS
STATICS SURFACE STACK RESIDUAL
TRACE HILLS
VELOCITY ANALYSIS
FINAL MOVEOUT
MEAN 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 N-M MIGRATION
BOX STACKING VELOCITIES
FILTER 14/18 - 80/90 HZ
EQUALIZATION MEAN WINDOW: 100-850 MS.
DISPLAY HORIZONTAL SCALE = 36 TR./IN.
VERTICAL SCALE = 7.5 IN./SEC.

SURFACE
REFERENCED
VELOCITY
TABULATIONS

FLAG

SURFACE
ELEVATIONS

SURFACE
IN TIME

CAMERON HILLS, 8073 M

STN - 32

T

13 11 59
04 00 00
13 11 59
04 00 00



2000 Valley Rd.
Tol. 813 / 31.5871
Toll: 855.3802
Cable: TERRA

PROJ. NO.

9

2

2

9

-

P

2

8

-

1

6

E

LINE NO.

8

6

-

P

C

R

-

8

0

7

3

PART NO.

2

OF

2

R.R. 8X



SURFACE
REFERENCE
VELOCITY
TABULATIONS

FLAG

SURFACE
ELEVATIONS

SURFACE
IN TIME

CHEROKEE HILLS 5073 H

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126

T

STN 126