



2000 Valley Rd. K1C 2A5
Tel: (613) 731-5571
Fax: (613) 731-5572
Cable: TERRA

PROJ. NO.

9

2

2

9

P

2

8

-

9

E

LINE NO.

8

0

1

9

PART NO.

1

OF

2

R.R. 8X



CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8019 (AIR GUN)
SHOTS: 101 - 664
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: TRACE EXPLORATION LTD.
DATE SHOT: MARCH 1985
SPREAD: 86 TO NW
STATION INTERVAL: 20 METERS
SHOT INTERVAL: 40 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 120-40-8-60-120 METERS
INSTRUMENTS: 300 V
SAMPLE RATE: 2 MS
RECORD LENGTH: 3 SEC
FILTER: 12/18 - 120/72 HZ/OCT
PLOT FORMAT: 5008 120 TRACES
RECEIVERS: L-15, 14 HZ
TYPE: 9
NUMBER PER GROUP: 2.5 METERS
SPACING: 3.2 METERS
SOURCE: AIR GUN
TYPE: 3 x 4
NUMBER OF GUNS x POPS: 4 OVER 20 METERS
SOURCE PATTERN:

PROCESSING: SEISCOM DELTA UNITED (CANADA) LTD.
CENTER: CALGARY, ALBERTA
DATE: MAY 1985
DEMULTIPLY: 2 MS
PROCESSING SAMPLE RATE: 1.5 SEC
PROCESSING RECORD LENGTH: 500.00 SEC, 23 BIT, FLOATING POINT
REFORMAT TO: 1440/SEC
AMPLITUDE RECOVERY: TO 600 MS
DECONVOLUTION: 1440/SEC
TIME CONSTANT: 500 MS
OPERATOR LENGTH: 50 MS
PREHITS: 5.12
DESIGN WINDOW LENGTH: 650 MS
STATICS: 200 METERS
DEPT SHOT AND RECEIVER STATICS: 4500 MS
REPLACEMENT VELOCITY: 4500 MS
WEATHERING VELOCITY: 450 MS
PRELIMINARY VELOCITY ANALYSIS: DOVE VELOCITY SPECTRA (DATUM REFERENCE)
TYPE: EVERY 4 MS
RESIDUAL STATICS: SURFACE CONSISTENT
TYPE: 350 TO 450 MS
WINDOW: -20 MS
BASE SHIFT FOR AIR GUN DELAY: DOVE VELOCITY SPECTRA (DATUM REFERENCE)
TYPE: EVERY 4 MS
VELOCITY ANALYSIS: COMMON OFFSET STACK
VERIFICATION:
NMO: INTERVAL VELOCITIES COMPUTED BY DIX EQUATION
FRONT MUTE: RANGE (MS) TIME (MS)
240 0
280 200
1240 1000
2440 1000
CDP STACK: 12005
WAVE EQUATION MIGRATION: 80 PCT. OF INTERVAL VELOCITY APPLIED
FILTER: TRANSFERRED, ZERO PHASE
TYPE: 25 - 25 - 80 - 100 HZ
TRACE EQUALIZATION: 400 MS
SIGNAL WINDOW LENGTH: 100
PERCENT: 100
DISPLAY: HORIZONTAL SCALE: 86 TR/INCH
VERTICAL SCALE: 7.5 INCHES/SEC
REMARKS: LINE THIS ESTIMATED FROM U.T.M.

PROCESSED BY: W. DOUGHERTY
QUALITY CONTROL BY: C. MORRISON

