

2050 Valley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-9571
Fax: (613) 731-0453

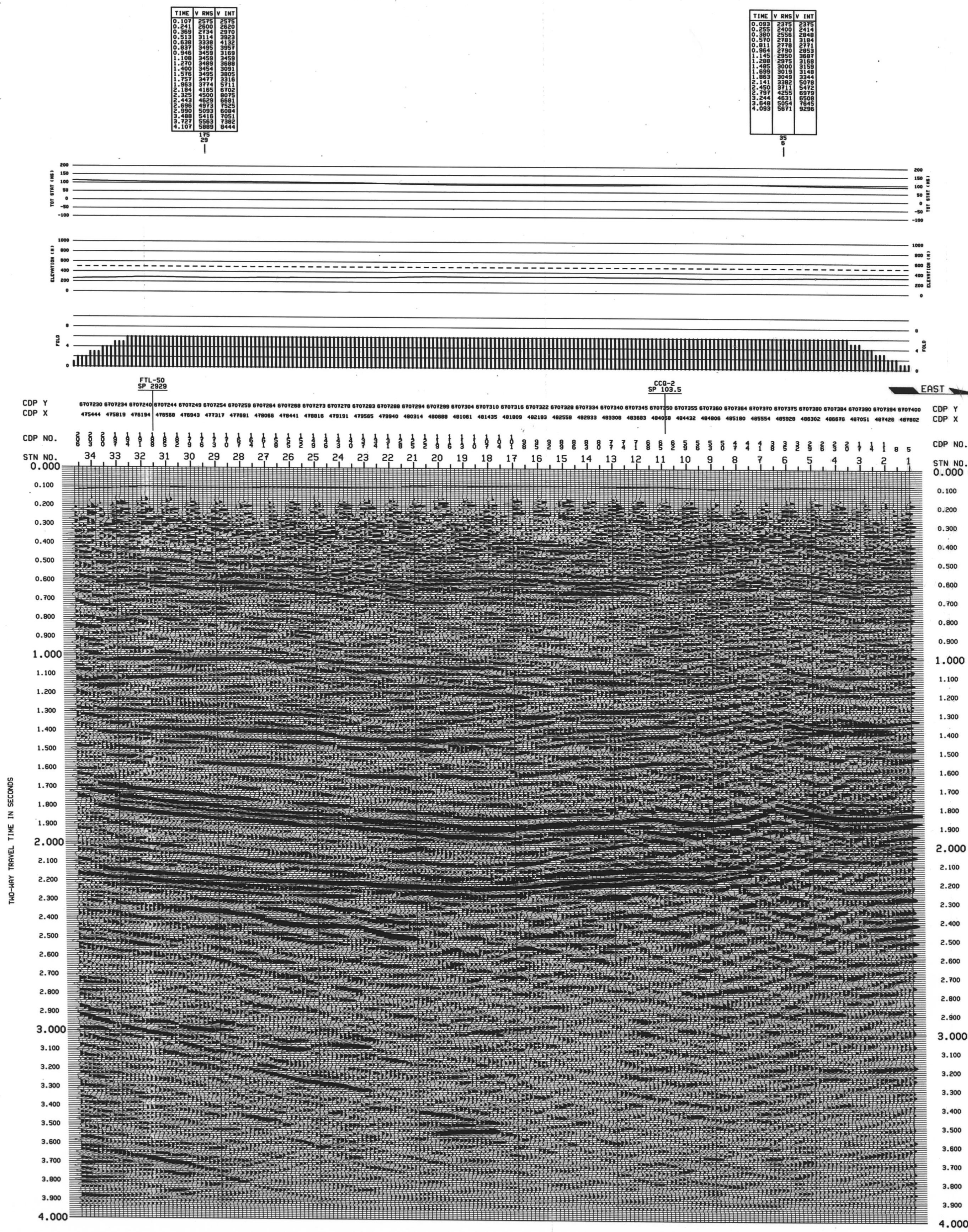
PROJ. NO. 9227-022-1DA14

9 2 2 7 - 0 2 2 - 1 D A

LINE NO. C C 0 - 7

PART NO. 1 OF 1

R.R. 8X



OCELOT ENERGY
INC.

AREA: FORT LIARD. NWT.

DMO MIGRATION STACK
FIELD POLARITY

LINE NAME: CCG - 7
SHOT POINT: 1 - 35
LOCATION: SP 1 60.40 N 123.00 W
SP 35 60.40 N 123.15 W
DATUM: 500 meters
REPL. VEL.: 4000 meters/sec
EAST

Schlumberger
Geco-Prakla

PROCESSED BY:
GECO - PRAKLA
A DIVISION OF SCHLUMBERGER CANADA LTD

ACQUISITION

SHOT BY: n/a
SHOT FOR: PAN AMERICAN PETROLEUM CORP.
DATE: JAN 1989

SOURCE DYNAMITE
CHARGE DEPTH: 1.13 m
CHARGE SIZE: 14.5 m
SOURCE INTERVAL: 370 m
SHOOTING DIRECTION: EAST TO WEST
COVERAGE: 6000

CABLE 36 CHANNELS
GEOPHONES PER GROUP: 12
GEOPHONE GROUPING: 12 OF 12
GEOPHONE TYPE: L2-A - 14 Hz
STATION INTERVAL: 125 m

INSTRUMENTS
RECORDING INSTRUMENT: T-401
FORMER: ANALOG
RECORD LENGTH: 5 m
SAMPLE RATE: 270
HIGH CUT FILTER: 5
LOW CUT FILTER: n/a
NOTCH FILTER: n/a
GAIN SETTING: n/a

SPREAD DEFINITION

TR 1 0 10 19 36
2187 m 62.5 62.5 2187 m

PROCESSING PARAMETERS

1 SEG-Y REFORMAT
2 TRUE AMPLITUDE RECOVERY
3 DECONVOLUTION - PREDICTIVE
OPERATOR LENGTH: 100 m
LAG LENGTH: 10 m
PREWHITENING: 1.0 s
DESIGN WINDOW: 500-2000 m 8 OFFSET 82 m
1000-3800 m 8 OFFSET 2200 m
4 TRACE EQUALIZATION - TIME WINDOW 2000 m
5 STATICS - ELEVATION
STRUCTURAL DATUM: 500 meters ASL
REPLACEMENT VELOCITY: 4000 m/s
6 CDP TRACE GATHER
STRAIGHT LINE BINNING
7 VELOCITY ANALYSIS
8 NMO CORRECTION - FLOATING DATUM REFERENCED
9 AUTOMATIC RESIDUAL STATICS - SURFACE CONSISTENT
WINDOW 300-2700 m
CORRELATION LAG 24 m
10 VELOCITY ANALYSIS
11 NMO CORRECTION - FLOATING DATUM REFERENCED
12 AUTOMATIC RESIDUAL STATICS - SURFACE CONSISTENT
WINDOW 300-2700 m
CORRELATION LAG 15 m
13 COMMON OFFSET F-K DMO
14 VELOCITY ANALYSIS
15 FRONT MUTE
AUTOMATIC STRETCH MUTE
MAXIMUM STRETCH ALLOWED - 35%
16 TRIM STATICS
WINDOW 300-2700 m
CORRELATION LAG 6 m
17 CDP STACK - 6 FOLD
18 STEEP DIP FINITE DIFFERENCE MIGRATION
85 % OF STACKING VELOCITIES
90 DEGREE ANGLE
19 FILTER - 10/15 - 75/85 Hz
20 TRACE EQUALIZATION - WINDOWS:
0 - 800 m
800 - 900 m
900 - 1200 m
1200 - 1600 m
1600 - 4000 m

COMMENTS

FILM DISPLAY - 3.75 inches/sec 12 Traces/Inch

DATE: JUNE 1995