

PROJ. NO.

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

LINE NO.

C C 0 - 5

PART NO.

1 OF 1

R.R. 8X

9227-022-1DA



OCELOT ENERGY
INC.

AREA: FORT LIARD. NWT.

DMO MIGRATION STACK
FIELD POLARITY

LINE NAME: CCG - 5
SHOT POINT: 1 - 39
LOCATION: SP 1 60.6 N 123.2 W
SP 39 60.6 N 123.5 W
DATUM: 500 meters
REPL. VEL.: 4000 meters/sec
EAST

PROCESSED BY:

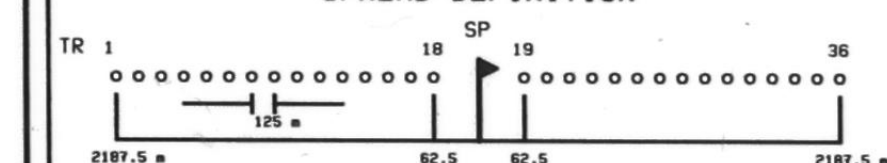
GECO - PRAKLA

Schlumberger
Geco-Prakla A DIVISION OF SCHLUMBERGER CANADA LTD

ACQUISITION

SHOT BY: n/a DATE: JAN 1989
SHOT FOR: PAN AMERICAN PETROLEUM CORP.
SOURCE DYNAMITE
CHARGE BODY: Two Holes
CHARGE SIZE: 2.5 kg
RIG. HOLE DEPTH: 14.5 m
SOURCE INTERVAL: 375 m
SHOOTING DIRECTION: EAST TO WEST
COVERAGE: 600%
CABLE 36 CHANNELS
GEOPHONES PER GROUP: 12
GEOPHONE SPACING: n/a
GEOPHONE TYPE: LC-8 - 14 Hz
STATION INTERVAL: 125 m
INSTRUMENTS
RECORDING INSTRUMENT: T-401
FORMAT: ANALOG
RECORD LENGTH: 5 sec
SAMPLE RATE: 2 ms
HIGH CUT FILTER: 270
LOW CUT FILTER: 5
NOTCH FILTER: n/a
GAIN SETTING: n/a

SPREAD DEFINITION



PROCESSING PARAMETERS

- 1 SEG-Y REFORMAT
- 2 TRUE AMPLITUDE RECOVERY
- 3 DECONVOLUTION - PREDICTIVE
OPERATOR LENGTH: 100 ms
LAG LENGTH: 12 ms
PREWHITENING: 1.0
DESIGN WINDOW: 1000-2500 ms 8 OFFSET 62 m
1000-2500 ms 8 OFFSET 2200 m
- 4 TRACE EQUALIZATION - TIME WINDOW 2000 ms
- 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 500-2500 ms
CORRELATION LAG 24 ms
- 10 VELOCITY ANALYSIS
- 11 NMO CORRECTION - FLOATING DATUM REFERENCED
- 12 AUTOMATIC RESIDUAL STATICS - SURFACE CONSISTENT
WINDOW 500-2500 ms
CORRELATION LAG 24 ms
- 13 COMMON OFFSET F-K DMO
- 14 VELOCITY ANALYSIS
- 15 FRONT MUTE
AUTOMATIC STRETCH MUTE
MAXIMUM STRETCH ALLOWED - 35%
- 16 TRIM STATICS
WINDOW 400-2500 ms
CORRELATION LAG 6 ms
- 17 CDP STACK - 8 FOLD
- 18 STEEP DIP FINITE DIFFERENCE MIGRATION
65% OF STACKING VELOCITIES
90 DEGREE ANGLE
- 19 FILTER - 10/15 - 75/85 Hz
- 20 TRACE EQUALIZATION - WINDOWS: 0 - 800 ms
800 - 1200 ms
1200 - 1800 ms
1800 - 4000 ms

COMMENTS

FILM DISPLAY - 3.75 inches/sec 12 Traces/Inch

DATE: JUNE 1989

