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PROJ. NO. 9227-022-1DA

9227-022-1DA

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A

LINE NO. C C 0 - 1

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1

PART NO. 1 OF 1

R.R. 8X

70

60

50

40

30

20

10

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2

3

4

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6

7

8

9

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1

9227-022-1DA

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OCELOT ENERGY INC.

EAST

FORT LIARD, NWT.

REVERSE POLARITY

LINE: CCQ-1

S.P.: 1 - 74

DMO MIGRATION STACK

LOCATION: SP 1 60.6 N 123.2 W

SP 74 60.6 N 123.5 W

DATUM: 500 M

REPL VEL: 4000 M/SEC

PROCESSED BY: GECO - PRAKLA

DATE PROCESSED: JUNE 1995

FIELD RECORDING

SHOT FOR: PAN AMERICAN PETROLEUM CORP

SHOT BY: N/A

DATE: SEPTEMBER 1968

GROUP INT: 65 M

SHOT INT: 390/195 M

SPREAD: 1137.5--32.5--X--32.5--1137.5 M

TRACE NO: 1 18 19 36

SOURCE

TYPE: DYNAMITE

PATTERN: 1 HOLE

CHARGE DEPTH: 12.7 M

CHARGE SIZE: 2.27 KG

RECEIVERS

TYPE: L2-A 14 HZ

PATTERN: 18 PHONES PER GROUP

INSTRUMENTS

TYPE: DR-42

TOTAL CHANNELS: 36

FIELD FILTER: OUT-GUT, NOTCH N/A

FORMAT: ANALOG

SAMPLE RATE: 2 MS

RECORD LENGTH: 5 SEC

PROCESSING SEQUENCE

1. SEG Y REFORMAT

4.0 SEC

2. TRUE AMPLITUDE GAIN RECOVERY

3. DECONVOLUTION

TYPE: PREDICTIVE

OPERATOR LENGTH: 100 MS

PRE-WHITENING: 1.0 Z

DESIGN DATE: 92 M: 500 - 3000 MS

2200 M: 1000 - 3800 MS

4. TRACE EQUALIZATION

WINDOW: 2000 MS

5. ELEVATION AND WEATHERING CORRECTION

REPLACEMENT VELOCITY 4000 M/SEC

DATUM: 500 M ASL

6. CDP TRACE CATCHER

STRAIGHT LINE BINNING

7. VELOCITY ANALYSIS

8. NORMAL MOVEOUT CORRECTION

REFERENCED TO FLOATING DATUM

9. SURFACE CONSISTENT STATICS

MAX. STATIC: +/- 24 MS

WINDOW: 550 - 2000 MS

10. VELOCITY ANALYSIS

11. NORMAL MOVEOUT CORRECTION

REFERENCED TO FLOATING DATUM

12. SURFACE CONSISTENT STATICS

MAX. STATIC: +/- 25 MS

WINDOW: 550 - 2000 MS

13. COMMON OFFSET F-K DMO

14. VELOCITY ANALYSIS

15. FRONT MUTE

AUTOMATIC STRETCH MUTE

MAX STRETCH ALLOWED - 35%

16. TRIM STATICS

MAX. STATIC: +/- 8 MS

WINDOW: 400 - 2800 MS

17. STACK

AVERAGE FOLD: 3-6

18. STEEP DIP FINITE DIFFERENCE MIGRATION

8% STACKING VELOCITY

90 DEGREE ANGLE

19. BANDPASS FILTER

10/15 - 75/85 HZ

20. EQUALIZATION

WINDOW(MS): 0-600

300-900

600-1200

900-1600

1500-4000

FILM DISPLAY BY: EXSSEL

FILM DATE: APRIL 1996

QUALITY CONTROL: PC

DISPLAY PARAMETERS: OVERLAP 0.70 TRACES

VERT 3.75 IN/SEC HORIZ 24.00 IN/IN PRESAMPLE -1.00

EXPLORATION SEISMIC

EXSSEL

SERVICES LTD.

