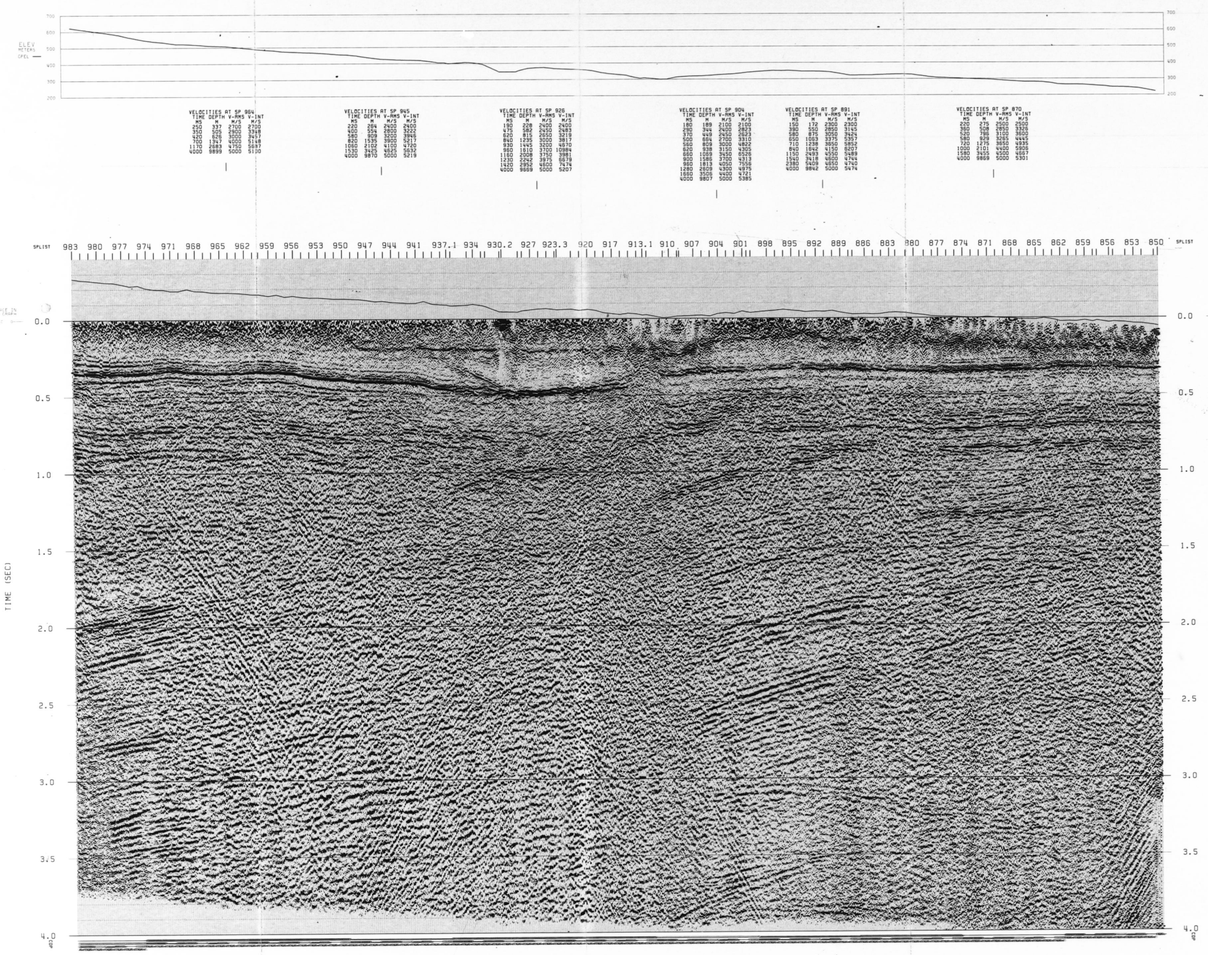


9229 P28 2E

Canada Oil and Gas Lands Administration
Administration des hydrocarbures au Canada
MAY 1 1985
Resource Evaluation Branch
Division des évaluations des ressources

PETRO-CANADA

AREA: BLACKWATER LAKE

LINE: 14X NORTHEAST
SP 850 - 983

SECTION TYPE: STRUCTURAL STACK

POLARITY: REVERSE (FIRST BREAKS TURN UP)

LOCATION: NTS 96B

## RECORDING

RECORDED BY : WESTERN GEOPHYSICAL PARTY : 362
ENERGY SOURCE : DYNAMITE CHARGE SIZE : 2 KG
DATE : APRIL 1984
INSTRUMENTS : DFS V RECORD LENGTH : 6 SEC
FIELD FILTER : 8 - 128 SAMPLE RATE : 2 MS
GAIN : FLOATING POINT TRACES/SHOT : 96
SOURCE ARRAY : SINGLE HOLE PATTERN

SHOT DEPTH : 18M
GEOPHONE ARRAY : 8 AT 7.5 METERS
SPREAD DESCRIPTION :
(95)161TM - (48)66M - X - (48)66M - (1)161TM
GEOPHONE TYPE : LM5 14 HZ
GROUP INTERVAL : 33 M FOLD : 1200 %
SHOT INTERVAL : 132 M VIBROSEIS :
SWEEP LENGTH :
SWEEP :

## PROCESSING DESCRIPTION

DATE : JUNE 1984
1 DEMULTIPLEX/DISPLAY: 2 MS SAMPLE RATE
2 EDIT
3 AMPLITUDE RECOVERY
EXP. GAIN

4 DECONVOLUTION - TYPE : SPIKING

OPERATOR LENGTH : 80 MS PREWHITENING :1%
DESIGN WINDOW : 250 TO 2950 AT 33 M OFFSET
800 TO 3600 AT 1617 M OFFSET

5 STRUCTURAL CORRECTIONS - UPHOLE / ELEVATIONS
DATUM : 305 M DATUM VELOCITY : 2450 M/SEC
6 VELOCITY SPECTRA
7 AUTOSTAT/AVSRC - SURFACE CONSISTENT RESIDUAL STATICS
DESIGN WINDOW : 100 - 800 MS.

8 SHOT GEOPHONE STACK
9 VELOCITY SPECTRA
10 NMO
11 COMMON RANGE STACK
12 AGC - AUTOMATIC AMPLITUDE CONTROL 750 MS. WINDOW

13 TRACE MUTING
DISTANCE (M): 0 396 429 1617
TIME (MS): 0 0 500 1300

14 STACK : 1200%

15 FILTER
14/120 - 80/120

16 BASE LEVEL SCALING

17 DISPLAY TO FILM
SCALE: HORZ 40 TR/IN VERT 3.75 IPS
CDP INTERVAL 16.5 M
JOB NUMBER : P41379

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PROJ. NO. 9229-P28-2E

LINE NO. 14X

PART NO. 1 OF 1

R.R. 10X