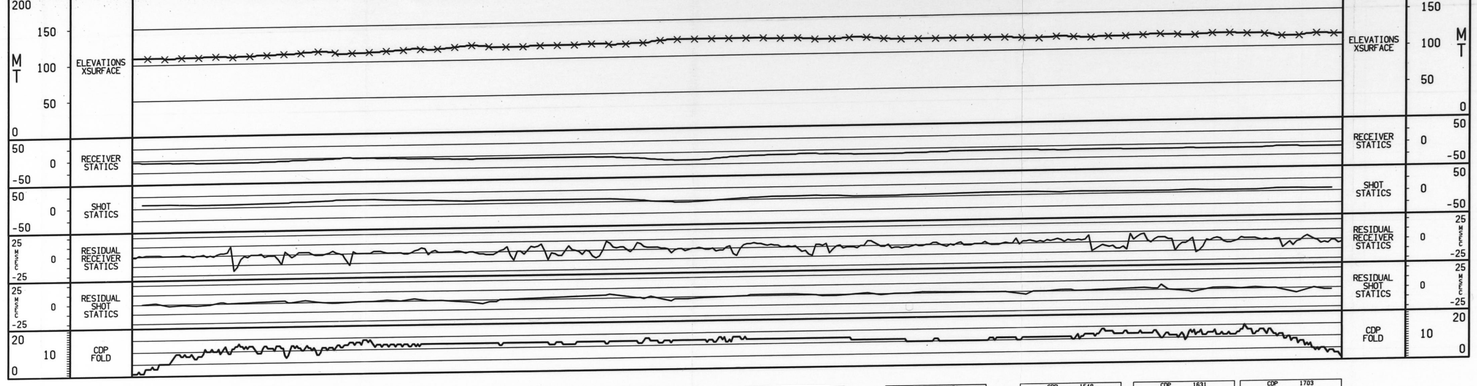



| COP SPN | 1031 182 | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 407 | 488 | 2400 | 5300 | |
| 575 | 802 | 3093 | 4453 | |
| 767 | 1170 | 3147 | 4500 | |
| 1197 | 2174 | 3757 | 5001 | |
| 1697 | 3424 | 4182 | 6001 | |
| 2000 | 4333 | 4489 | 6000 | |
| 2500 | 5833 | 4829 | 6000 | |

| COP SPN | 1151 172 | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 417 | 500 | 2400 | 5300 | |
| 767 | 1170 | 3149 | 4402 | |
| 1269 | 2282 | 3683 | 5001 | |
| 1786 | 3532 | 4095 | 6000 | |
| 2000 | 4033 | 4349 | 6001 | |
| 2500 | 5677 | 4719 | 6001 | |

| COP SPN | 1231 162 | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 488 | 682 | 2400 | 5300 | |
| 833 | 1298 | 3349 | 4000 | |
| 1281 | 2412 | 3626 | 5000 | |
| 1893 | 3893 | 4037 | 6001 | |
| 2000 | 4233 | 4092 | 6000 | |
| 2500 | 5619 | 4829 | 6000 | |

| COP SPN | 1309 151 | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 586 | 704 | 2400 | 5300 | |
| 857 | 998 | 3092 | 4403 | |
| 1250 | 1567 | 3350 | 4000 | |
| 1800 | 2546 | 3829 | 5000 | |
| 1930 | 2748 | 4025 | 5000 | |
| 2200 | 3466 | 4316 | 5998 | |
| 2500 | 4166 | 4581 | 5400 | |

| COP SPN | 1389 141 | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 644 | 773 | 2400 | 5300 | |
| 900 | 1080 | 3272 | 4402 | |
| 1250 | 1499 | 3572 | 4000 | |
| 1517 | 2613 | 3571 | 4000 | |
| 2017 | 3883 | 3923 | 5001 | |
| 2300 | 4712 | 4278 | 6003 | |
| 2500 | 5212 | 4498 | 6000 | |

| COP SPN | 1471 132 | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 703 | 844 | 2400 | 5300 | |
| 1000 | 1098 | 2892 | 5300 | |
| 1097 | 1236 | 3225 | 4503 | |
| 1626 | 2274 | 3540 | 4999 | |
| 1750 | 2503 | 3752 | 6004 | |
| 2350 | 4195 | 4306 | 5996 | |
| 2500 | 4595 | 4500 | 5000 | |

| COP SPN | 1549 123 | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 764 | 905 | 2400 | 5300 | |
| 880 | 1186 | 2918 | 4401 | |
| 1102 | 1719 | 3301 | 4000 | |
| 1278 | 2211 | 3516 | 4999 | |
| 1750 | 2931 | 3930 | 6006 | |
| 2400 | 4707 | 4119 | 6000 | |
| 2500 | 5036 | 4210 | 5993 | |

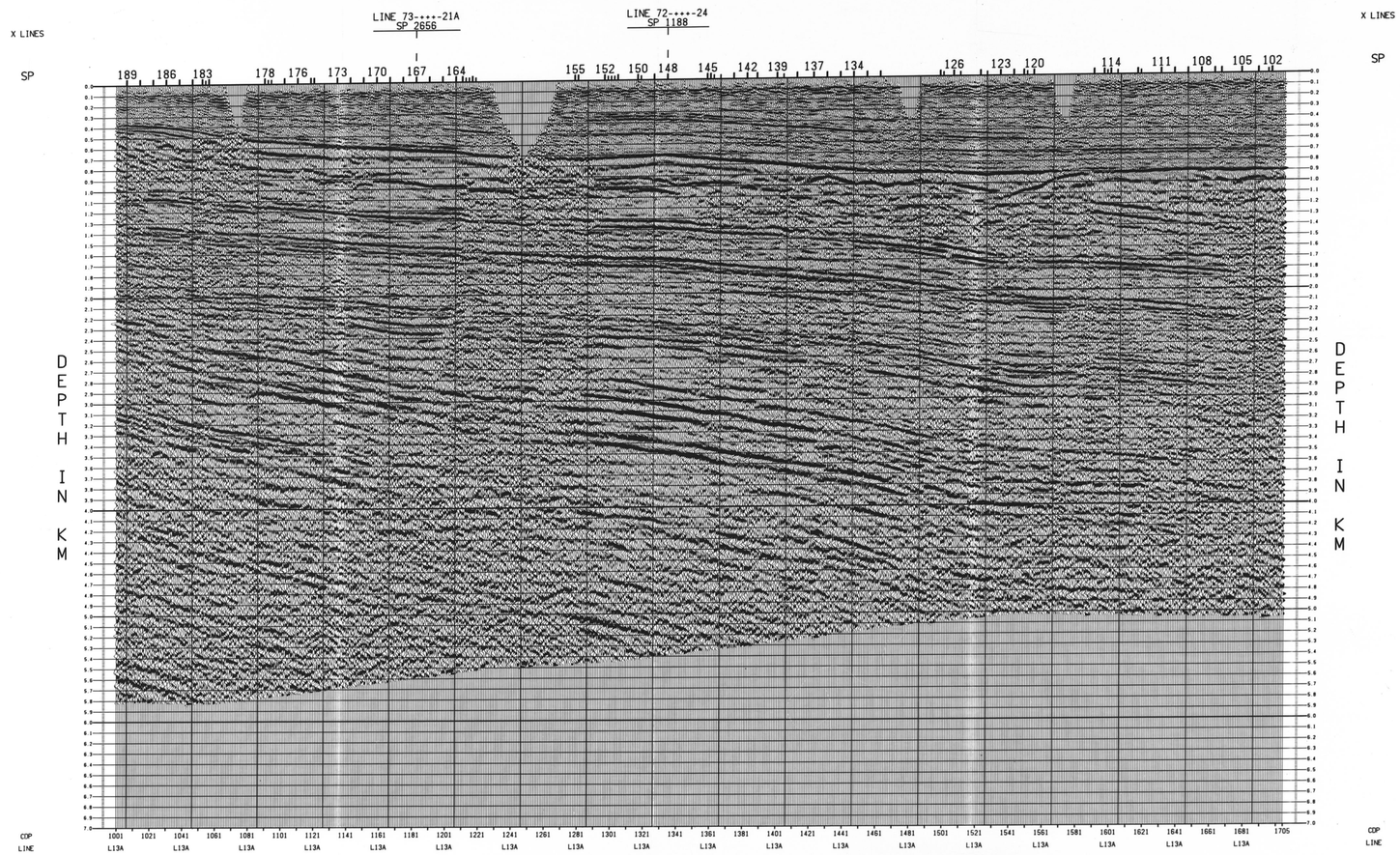
| COP SPN | 1631 113 | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 725 | 885 | 2400 | 5302 | |
| 1023 | 1325 | 3149 | 4400 | |
| 1102 | 1452 | 3299 | 4400 | |
| 1725 | 3061 | 3638 | 5999 | |
| 2250 | 4311 | 3981 | 6000 | |
| 2400 | 4761 | 4138 | 6011 | |
| 2500 | 5061 | 4227 | 6011 | |

| COP SPN | 1703 MAX. | | | |
|---|---|---|---|---|
| TIME MSEC | DEPTH MT | VRMS MT/SEC | INTVEL MT/SEC | |
| 0 | 0 | 2400 | 2400 | |
| 733 | 880 | 2400 | 5302 | |
| 823 | 1001 | 2400 | 4297 | |
| 1199 | 1862 | 3499 | 6000 | |
| 1785 | 3182 | 3890 | 6000 | |
| 2250 | 4375 | 3996 | 6004 | |
| 2400 | 4775 | 4150 | 5991 | |
| 2500 | 5075 | 4239 | 5991 | |

DEPTH SECTION

LINE 13A
SP 101 TO 189

PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F




# LINE 13A
# SP 101 TO 189

Canada Oil and Gas Lands Administration
Administration des droits pétrolier et de gaz des terres du Canada
AUG 26 1986
Number / Numéro

## PETRO CANADA
## AREA : BRACKETT LAKE
## NTS 96F

SOUTHEAST → ← DIRECTION SHOT

## DEPTH SECTION

### FIELD DATA

RECORDED BY : WESTERN GEOPHYSICAL PARTY 362

DATE : MARCH - APRIL 1985

9229-P28-10E

INSTRUMENTATION

AMPLIFIERS : DFS V
NO. OF TRACES : 96
RECORDING FILTER : 8 - 128 HZ
FORMAT : SEGB 9 TRACK
RECORD LENGTH : 6 SECONDS
SAMPLE RATE : 2 MSEC
DENSITY : 1600 B.P.I.
GEOPHONE TYPE : LRS 14 HZ

RECORDING SPREAD

GROUP INTERVAL : 33 METERS
SHOT POINT INTERVAL : 132 METERS
INTENDED COVERAGE : 12 FOLD
GEOPHONE ARRAY : 9 GEOPHONES INLINE AT 7.5 METERS

ENERGY SOURCE

TYPE : DYNAMITE
WEIGHT : 2 KGS. PER HOLE
HOLE DEPTH : 18 METERS
PATTERN : SINGLE HOLE

CONFIGURATION

```
TR96          TR49          SP          TR48          TR1
T.............T             T.............T
                  < 66 M >< 66 M >
<--------- 1617 M --------><-------- 1617 M --------->
```

### DIGITAL PROCESSING

DATUM : 150 METERS A.S.L. REPLACEMENT VELOCITY : 3200 METERS/SECOND

1. DEMULTIPLEX : OUTPUT AT 2 MSEC. SAMPLING TO 3 SECONDS
2. TRACE EDITING : FROM FIELD MONITORS
3. STATICS COMPUTATIONS : WEATHERING STATICS FROM FIRST BREAK ANALYSIS
4. TRUE AMPLITUDE RECOVERY : 7 DB/SEC FROM 0 TO 3.0 SECONDS
5. FIRST BREAK NOISE SUPPRESSION
6. DECONVOLUTION : ONE OPERATOR OF 80 MSEC.
   1.0 PERCENT WHITE NOISE LEVEL
   DESIGN GATES: 300 TO 1600 MSEC. NEAR TR
   950 TO 2250 MSEC. FAR TR
7. EQUALIZATION
8. RESIDUAL STATICS ANALYSIS : SURFACE CONSISTENT AUTOMATIC STATICS (HSTATC) PLUS TRIM STATICS
9. RELATIVE STATICS - RESIDUAL STATICS APPLICATION
10. NORMAL MOVEOUT CORRECTION : VELOCITY ANALYSIS FROM VELSCANS ( BEFORE AND AFTER AUTOMATIC STATICS )
11. MEAN DATUM STATICS APPLICATION
12. STACK MUTE : TIME(IN MSEC.) OFFSETS(IN METERS)
    -50 66
    0 264
    400 495
    1100 1617
13. CDP STACK : 12 FOLD
14. MIGRATION : WAVE EQUATION MIGRATION
    KIRCHOFF F/K DOMAIN
    DIP LIMITED
15. TIME INVARIANT FILTER : 10/20 - 60/70 HZ
16. TIME VARIANT SCALING : (10 X 10D) 200.200.300.500 MSEC. GATES
    START TIME = 0 MSEC
17. TIME TO DEPTH : INTERVAL VELOCITIES PICKED BY CLIENT

DISPLAY POLARITY : NORMAL (PEAK ON DISPLAY REPRESENTS POSITIVE NUMBER ON TAPE)

### DISPLAY

HORIZONTAL SCALE - 24.0 TR/IN 60.606049 TR/KM
VERTICAL SCALE - 2.635000 IN / KM
POLARITY - NORMAL
TRACE TYPE . BIAS - WTVAR 0.0 PERCENT
DATUM - 150 M A.S.L.
DISPLAY UNIT - 0.987619 CM

DISPLAY GAIN

| INPUT | |
|---|---|
| COP | ALL |
| GAIN DB | DEPTH MT |
| -81.4 | 0 |

24 JUN 1985
18:19:19

CALGARY LAND 6430

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-10E

LINE NO. 13A

PART NO. 1 OF 1

R.R. 10X