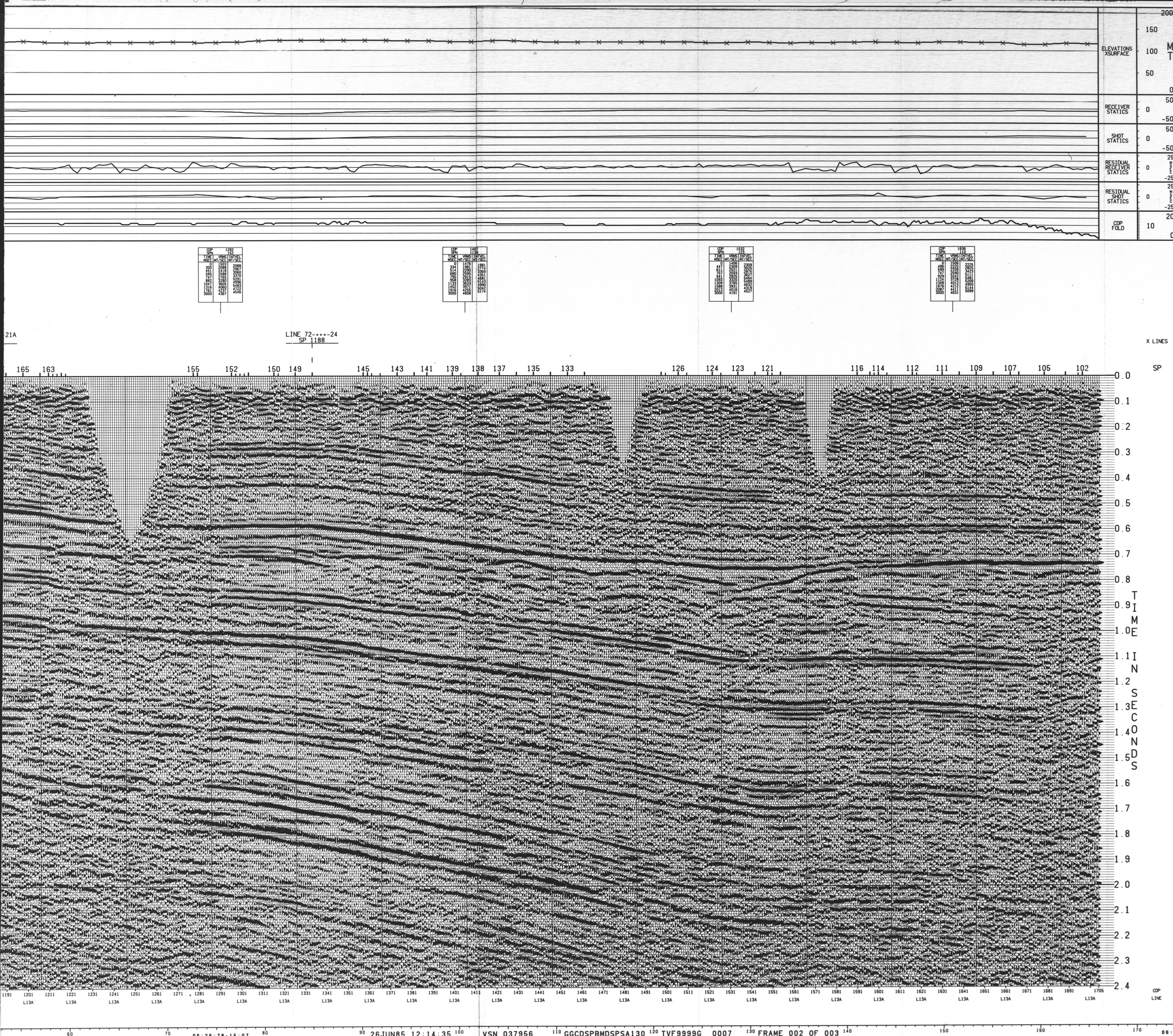




LINE 13A
SP 101 TO 189

9229-728-10E

PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

SOUTHEAST
DIRECTION SHOT

MIGRATED STACK (NORMAL POL.)

FIELD DATA

RECORDED BY : WESTERN GEOPHYSICAL PARTY 382
DATE : MARCH - APRIL 1985
INSTRUMENTATION :
AMPLIFIERS : OFS V
NO. OF TRACES : 96
RECORDING FILTER : 8 - 128 HZ
FORMAT : SEG8 8 TRACK
RECORD LENGTH : 6 SECONDS
SAMPLE RATE : 2 MSEC
DENSITY : 1800 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
CONFIGURATION :
TR96 TR49 SP TR48 TR1
1617 M. 66 M. 66 M. 1617 M.
ENERGY SOURCE :
TYPE : DYNAMITE
WEIGHT : 2 KGS. PER HOLE
HOLE DEPTH : 18 METERS
PATTERN : SINGLE HOLE

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 (HSTATIC) 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.) OFFSET (IN METERS)
-50 66
400 264
1100 495
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 100) 200.200.300.500 MSEC. GATES
START TIME = 0 MSEC.
DISPLAY POLARITY : NORMAL (PEAK ON DISPLAY REPRESENTS POSITIVE NUMBER ON TAPE)

DISPLAY

HORIZONTAL SCALE : 12.0 TR/IN 80 006049 TR/KM
VERTICAL SCALE : 10.0 IN / SEC
POLARITY : NORMAL
TRACE TYPE : BIAS : WYBAR : 0.0 PERCENT
DATUM : 150 M A.S.L.
DISPLAY UNIT : 0.967819 CM
DISPLAY GAIN :
INSTRUMENT : CDP 382
TIME : 1200
MSEC : 1200
26 JUN 1985 12:09:59
CALGARY LAND 6430
GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD
PROCESSING PARTY CHIEF : J. LIKUSKI

LINE 13A
SP 101 TO 189

PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

MIGRATED STACK (NORMAL POL.)

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