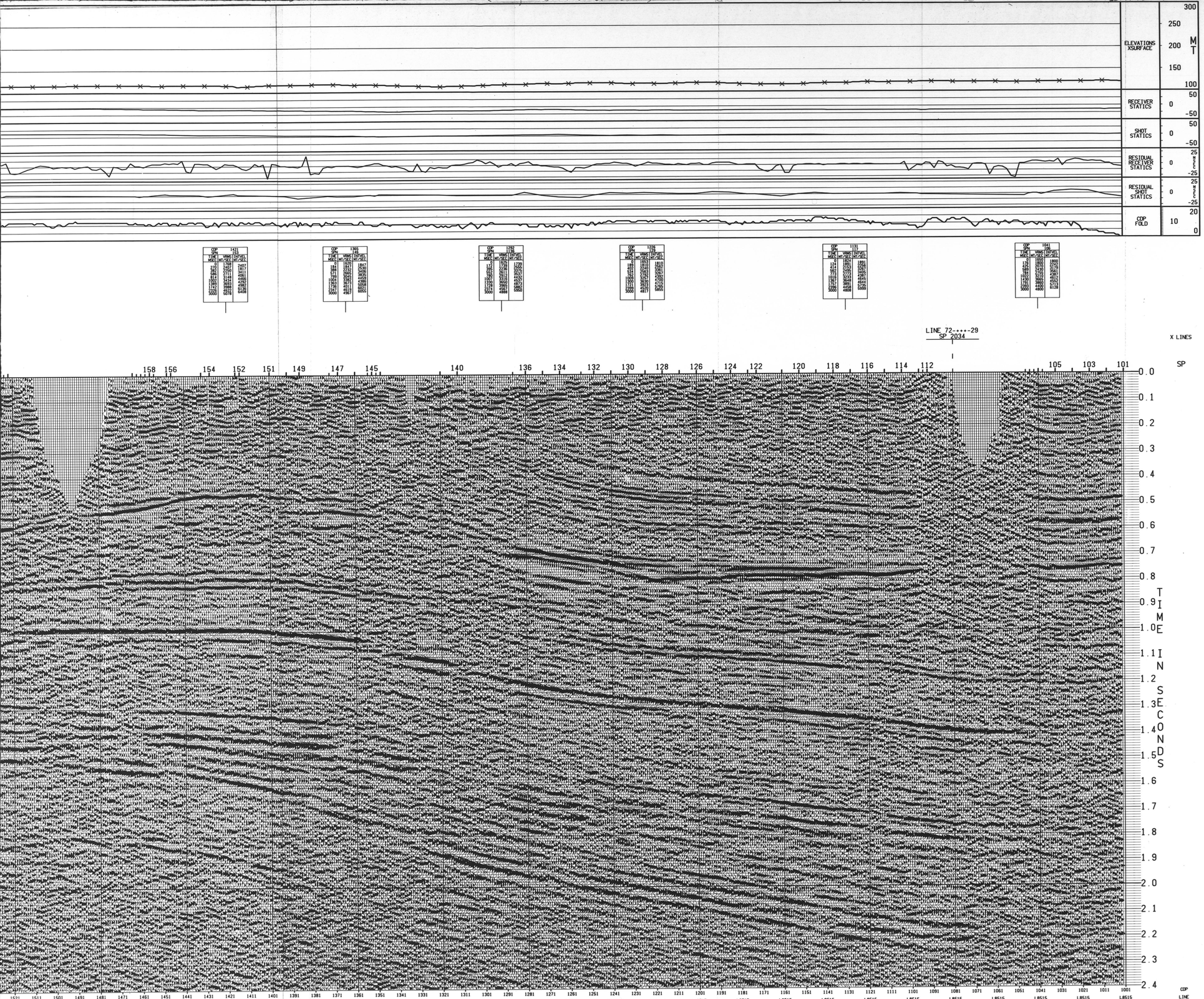


LINE 15
SP 101 TO 259

ACC 204 1585

PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

SOUTHEAST ← → DIRECTION SHOT

MIGRATED STACK (REVERSED POL.)

9229-P28-10E

FIELD DATA

RECORDED BY : WESTERN GEOPHYSICAL PARTY 362

DATE : MARCH - APRIL 1985

INSTRUMENTATION

AMPLIFIERS	: DFS V
NO. OF TRACES	: 96
RECORDING FILTER	: 8 - 120 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	TYPE	: DYNAMITE
SHOT POINT INTERVAL	: 132 METERS	WEIGHT	: 2 KGS. PER HOLE
INTENDED COVERAGE	: 12 FOLD	HOLE DEPTH	: 18 METERS
GEOPHONE ARRAY	: 9 GEOPHONES INLINE AT 7.5 METERS	PATTERN	: SINGLE HOLE

ENERGY SOURCE

CONFIGURATION

TR96 TR49 TR48 TR1
T.....T SP 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.) -50 0 400 1100 OFFSETS(IN METERS) 66 264 495 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	: REVERSE (PEAK ON DISPLAY REPRESENTS NEGATIVE NUMBER ON TAPE)

DISPLAY

HORIZONTAL SCALE - 12.0 TR/IN 60.606049 TR/KM
VERTICAL SCALE - 10.0 IN / SEC
POLARITY - REVERSE
TRACE TYPE - BIAS - WTVAR 0.0 PERCENT
DATUM - 150 M A.S.L.
DISPLAY UNIT - 0.967619 CM

DISPLAY GAIN

INPUT	
COP	ALL
GAIN DB	TIME MSEC
-78.0	0

0HZ 8HZ 60HZ 120HZ
0DB 24DB 60DB 78DB

21 JUN 1985
22:46:47

CALGARY LAND 6430

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

LINE 15
SP 101 TO 259
MIGRATED STACK (REVERSED POL.)
PETRO CANADA
AREA : BRACKETT LAKE
NTS 96F

LITHO
Ottawa, Ont.
2060 Walkley Rd.
Canada K1G 3P5
Tel (613) 731-9571
Telex 053-3502
Cable: TERRA

PROJ. NO. 9229-P28-10E
LINE NO. 15
PART NO. 1 OF 3
R.R. 10X

terra
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2080 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel (613) 731-9571
Telex 053-3502
Cable: TERRA

PROJ. NO. 9229-P28-10E

LINE NO. 15

PART NO. 2 OF 3

R.R. 10X

LINE 21
SP 136

LINE 19
SP 177

LINE 17
SP 161

LINE 72-+++-24
SP 1232

21JUN85 22:53:19 VSN 010916 GGCDSPBMSTKSB150 TVF9999C 0013 FRAME 002 OF 004 06:26:78-01:10 21JUN85 22:

MIGRATED STACK (REVERSED POL.)

LINE 15
SP 101 TO 259

PETRO CANADA
AREA: BRACKETT LAKE
NTS 96F

ELEVATIONS XSURFACE (MT)
RECEIVER STATICS
SHOT STATICS
RESIDUAL RECEIVER STATICS
RESIDUAL SHOT STATICS
CDP FOLD

LINE 21 SP 136
LINE 19 SP 177
LINE 17 SP 161

X LINES
SP
COP
LINE

TIME IN SECONDS

Canada K1G 3P5
Tel: (613) 731-9571
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PROJ. NO. 9229-P28-10E

LINE NO. 15

PART NO. 3 OF 3

R.R. 10X

VSN 010916 GGCDSPBMSTKSB150 TVF9999C 0013 FRAME 001 OF 004 06:26:78-01:10 21JUN85 22:53:19 VSN 010916 GGCDSPBMSTKSB150 TVF9999C 0013 FRAME 002 OF 004