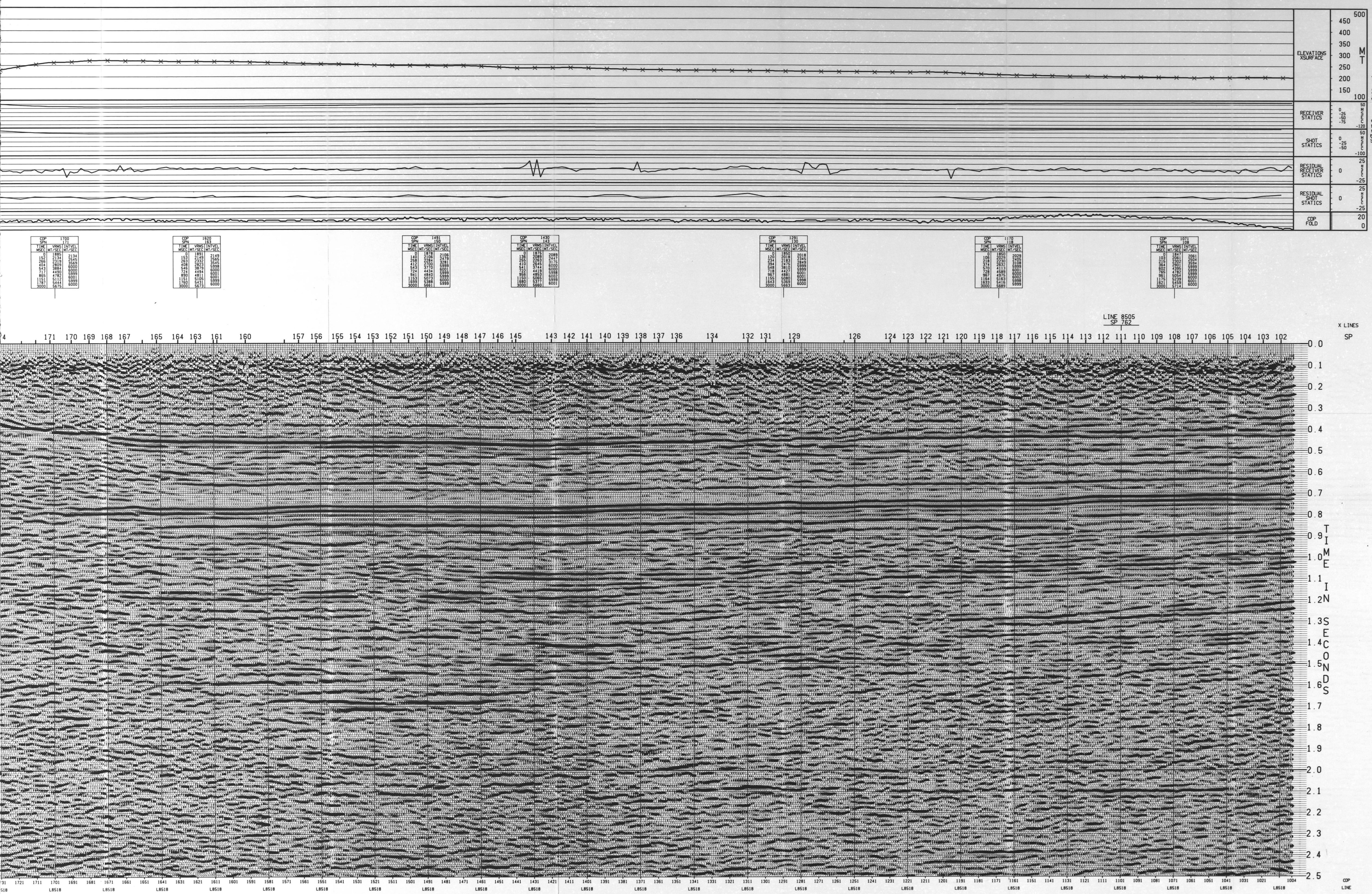
9229-P28-14E



LINE 8518
SHOT POINTS 101 TO 291

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-F

EAST → ← DIRECTION SHOT

MIGRATION (NORMAL POL.)

FIELD DATA

RECORDED BY : SEISCOM DELTA UNITED PARTY 552
RECORDED FOR : PETRO CANADA
DATE : JANUARY--MARCH 1986

INSTRUMENTATION

AMPLIFIERS	DFS V
NO OF TRACES	120
RECORDING FILTER	18 - 128 HZ
FORMAT	SEGB
RECORD LENGTH	4 SECONDS
SAMPLE RATE	2 MSEC
TAPE DENSITY	1600 B.P.I.
GEOPHONE TYPE	MARK L-28 14 HZ

RECORDING SPREAD

GROUP INTERVAL	20 METERS
SHOT POINT INTERVAL	100 METERS
INTENDED COVERAGE	12 FOLD
GEOPHONE ARRAY	9 GEOPHONES INLINE AT 2.4 METERS

ENERGY SOURCE

TYPE	DYNAMITE
CHARGE SIZE	2.0 KG PER HOLE
HOLE DEPTH	14.0 METERS
PATTERN	SINGLE HOLE

CONFIGURATION

```
TR120              TR61           TR60              TR1
T..................T      SP      T..................T
                   < 20 M >< 20 M >
<--------- 1200 M -------><-------- 1200 M -------->
```

DIGITAL PROCESSING

DATUM : 305 METERS A.S.L. REPLACEMENT VELOCITY : 2450 METERS/SEC

1. DEMULTIPLEX	OUTPUT AT 2 MSEC. SAMPLING TO 4 SECONDS
2. TRACE EDITING	FROM FIELD MONITORS.
3. STATICS COMPUTATIONS	ELEVATION STATICS
4. TRUE AMPLITUDE RECOVERY	7 DB/SEC FROM 0 TO 3.0 SECONDS
5. MUTE	FIRST BREAK NOISE SUPPRESSION
6. DECONVOLUTION	ONE OPERATOR OF 80 MSEC. 1.0 PERCENT WHITE NOISE LEVEL DESIGN GATES: 200 TO 1800 MSEC NEAR TRACE; 900 TO 1900 MSEC FAR TRACE
7. EQUALIZATION	
8. VELOCITY ANALYSIS	SURFACE REFERENCED (TYPE : VELSCAN)
9. RESIDUAL STATICS ANALYSIS	SURFACE CONSISTENT AUTOMATIC STATICS (HSTATC)
10. VELOCITY ANALYSIS	SURFACE REFERENCED (TYPE : VELSCAN) (RELATIVE + RESIDUAL STATICS APPLIED)
11. MEAN DATUM STATICS APPLICATION	
12. TRIM STATICS	
13. STACK MUTE	TIME(IN MSEC) / OFFSETS(IN METERS): -50 / 20; 0 / 260; 400 / 500; 1000 / 1200
14. COMMON DEPTH POINT STACK	12 FOLD
15. MIGRATION	WAVE EQUATION MIGRATION KIRCHOFF F/K DOMAIN DIP LIMITED
16. TIME INVARIANT FILTER	13/23 - 50/60 HZ
17. 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	16.0 TR/IN 100.0 TR/KM
VERTICAL SCALE	-7.500000 IN / SEC
POLARITY	NORMAL
TRACE TYPE . BIAS	WTVAR . 0.0 PERCENT
DATUM	305 MT A.S.L.
DISPLAY UNIT	0.822476 CM

DISPLAY GAIN (INPUT)

CDP	ALL
GAIN DB	TIME MSEC
-77.0	0

0MI 0.25MI 0.5MI
0KM 0.25KM 0.5KM

02 JUN 1986
18:36:12

CALGARY LAND 6430/135133

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF : J. LIKUSKI

MIGRATION (NORMAL POL.)

LINE 8518
SHOT POINTS 101 TO 291

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-F

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

PROJ. NO. 9229-P28-14E
LINE NO. 8518
PART NO. 1 OF 3
R.R. 10X

GSI
Geophysical Survey Systems Inc.
2060 Walkley Rd. Ottawa, Ont. K1G 3P7
Tel: (613) 731-3571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-14E

LINE NO. 8518

PART NO. 2 OF 3

R.R. 10X

CDP	2570
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
151	5175
252	5741
353	5741
454	5741
555	4376
656	4376
757	4880
1000	5281
3000	5281

CDP	2481
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
151	5175
252	5741
353	5741
454	5741
555	4376
656	4376
757	4880
1000	5281
3000	5281

CDP	2380
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
146	5175
247	5741
348	5741
449	5741
550	4376
651	4376
752	4880
1000	5281
3000	5281

CDP	2283
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
146	5175
247	5741
348	5741
449	5741
550	4376
651	4376
752	4880
1000	5281
3000	5281

CDP	2190
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
146	5175
247	5741
348	5741
449	5741
550	4376
651	4376
752	4880
1000	5281
3000	5281

CDP	2101
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
151	5175
252	5741
353	5741
454	5741
555	4376
656	4376
757	4880
1000	5281
3000	5281

CDP	2009
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
146	5175
247	5741
348	5741
449	5741
550	4376
651	4376
752	4880
1000	5281
3000	5281

CDP	1918
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
146	5175
247	5741
348	5741
449	5741
550	4376
651	4376
752	4880
1000	5281
3000	5281

CDP	1826
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
151	5175
252	5741
353	5741
454	5741
555	4376
656	4376
757	4880
1000	5281
3000	5281

CDP	1735
SPN	248
TIME	VRMS / INT/SEC
MSEC	MT/SEC / MT/SEC
0	1830
151	5175
252	5741
353	5741
454	5741
555	4376
656	4376
757	4880
1000	5281
3000	5281

260 259 258 257 256 255 254 253 252 251 250 249 247 246 245 244 243 242 241 240 239 238 237 236 235 234 233 232 231 230 229 228 227 226 225 224 223 222 221 220 219 218 217 216 215 214 213 212 211 210 209 208 207 206 205 204 203 202 201 200 199 198 197 196 195 194 193 192 191 190 189 188 186 185 184 183 179 178 177 176 175 174 171 170 169 168 167

2651 2581 2571 2561 2551 2541 2531 2521 2511 2501 2491 2481 2471 2461 2451 2441 2431 2421 2411 2401 2391 2381 2371 2361 2351 2341 2331 2321 2311 2301 2291 2281 2271 2261 2251 2241 2231 2221 2211 2201 2191 2181 2171 2161 2151 2141 2131 2121 2111 2101 2091 2081 2071 2061 2051 2041 2031 2021 2011 2001 1991 1981 1971 1961 1951 1941 1931 1921 1911 1901 1891 1881 1871 1861 1851 1841 1831 1821 1811 1801 1791 1781 1771 1761 1751 1741 1731 1721 1711 1701 1691 1681 1671 1661 1651

L8518

06:03:78-04:38 80 90 02JUN86 18:43:18 100 VSN 034661 110 GCDDSPBFILM-8518 120 TVF8499C 0018 130 FRAME 002 OF 005 140 150 160 170 06:03:78-04:39 180 190 02JUN86 18:43:18 200 VSN 034661 210 GCDDSPBFILM-8518 220 TVF8499C 0018 230 FRAME 003 OF 005 240 250

MIGRATION (NORMAL POL.)

LINE 8518
SHOT POINTS 101 TO 291

PETRO CANADA
NWT AREA I BEAR LAKE
NTS 96-F

ELEVATIONS XSURFACE (M)

RECEIVER STATICS

SHOT STATICS

RESIDUAL RECEIVER STATICS

RESIDUAL SHOT STATICS

CDP FOLD

X LINES

SP

TIME IN SECONDS

CDP

LINE

VSN 034661 GCDDSPBFILM-8518 TVF8499C 0018 FRAME 001 OF 005 06:03:78-04:38 02JUN86 18:43:18 VSN 034661 GCDDSPBFILM-8518 TVF8499C 0018 FRAME 002 OF 005

2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-8541
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PROJ. NO. 92 29 - P28 - 14E

LINE NO. 8518

PART NO. 3 OF 3

R.R. 10X