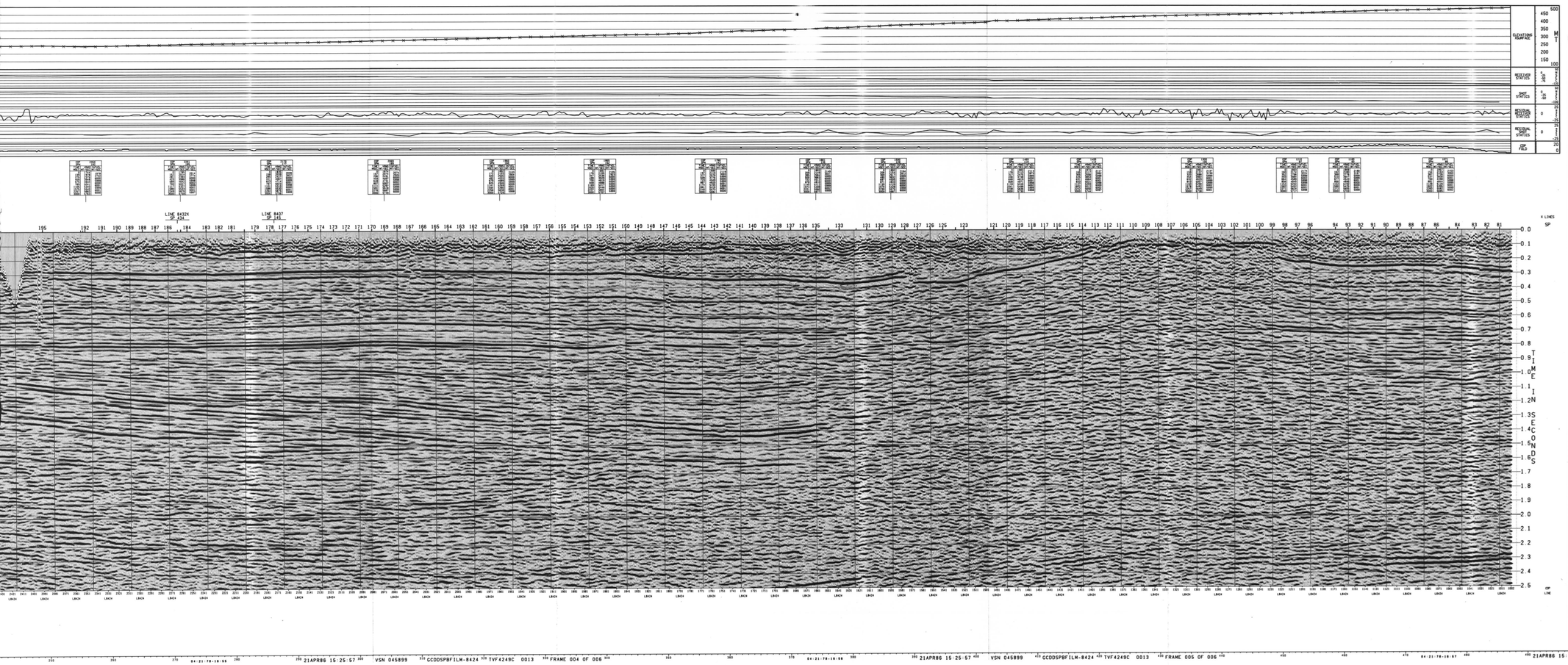

9229-P28-15E

GRI #6821 R 734-07

LINE 8424
SHOT POINTS 80 TO 311

PETRO CANADA
AREA : BLACKWATER LAKE
NTS 96-B

SOUTH 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
SAMPLE RATE	2 MSEC
RECORDING FILTER	LO - 128 HZ
RECORD LENGTH	4 SECONDS
SAMPLE TIME	2 SECONDS
SAMP. DENSITY	1600 B P I
GEOPHONE TYPE	MARK L-28 14 HZ
RECEIVING SPREAD	ENERGY SOURCE
GROUP INTERVAL	20 METERS — SHOTPOINT INTERVAL 20 METERS — DYNAMITE
INTERMEDIATE GROUPING	10 FOLD — SHOT DEPTH 14 X METERS
GEOPHONE ARRAY	6 GEOPHONES INLINE AT 1 METERS — HOLE PATTERN SINGLE HOLE
CONFIGURATION	2 X METERS

```
TR120          TR60          TR60          TR1
  I              I             I             I
                 < 20 M >  SP  < 20 M >
  <------- 1200 M ------------------- 1200 M ------->
```

DIGITAL PROCESSING

DATUM : 300 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	WEATHERING STATICS FROM FIRST BREAK ANALYSIS
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 GATE 300 TO 1800 MSEC NEAR TRACE 800 TO 1900 MSEC FAR TRACE
7. EQUALIZATION	
8. VELOCITY ANALYSIS	SURFACE REFERENCED (TYPE VELSCAN)
9. RESIDUAL STATICS ANALYSIS	SURFACE CONSISTENT AUTOMATIC STATICS (VARITAS)
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) OFFSET(IN METERS) 50 20 50 200 200 200 1000 1200
14. COMMON DEPTH POINT STACK	10 FOLD
15. MIGRATION	WAVE EQUATION MIGRATION KIRCHOFF F/K DOMAIN DIP LIMITED
16. TIME INVARIANT FILTER	18/23 - 50/60 HZ
17. TIME VARIANT SCALING	100,0 100,2 700 200,300,500 MSEC GATES START TIME, 0 MSEC
DISPLAY POLARITY	NORMAL (PEAK ON DISPLAY REPRESENTS POSITIVE NUMBER ON TAPE)

DISPLAY

HORIZONTAL SCALE	: 36.0 TR/IN	100.0 TR/KM	
VERTICAL SCALE	: 4.7500000 IN / SEC		
TRACE MIX	: 1 TRACE		
TRACE TYPE : BIAS :	47500	0.0 PERCENT	
DATUM	: 300 MT A.S.L.		
DISPLAY UNIT	: 0.41238 CM		

DISPLAY GAIN

DP	ADC
0.0	0.0
0.1	0.0

21 APR 1986
15:28:33

CALGARY LAND 6430/130133

GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

PROCESSING PARTY CHIEF J. LINDSKI

MIGRATION (NORMAL POL.)

LINE 8424
SHOT POINTS 80 TO 311

PETRO CANADA
AREA : BLACKWATER LAKE
NTS 96-B

21APR86 15:25:57 VSN 045899 GCDDSPBFILM-8424 TVF4249C 0013 FRAME 004 OF 006

21APR86 15:25:57 VSN 045899 GCDDSPBFILM-8424 TVF4249C 0013 FRAME 005 OF 006

21APR86 15:25:57 045899 GCDDSPBFILM-8424 TVF4249C 0013

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LINE NO. 8424

PART NO. 1 OF 2

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PART NO. 2 OF 2

R.R. 8X