



92-2-P28-8E



Pulsar
GEOPHYSICAL LTD.
CALGARY ALBERTA CANADA

PROCESSING DATE - MAY, 1985

PROCESSED FOR: .
PETRO-CANADA
CALGARY, ALBERTA

AREA: ISLAND RIVER

LINE: 8049

LOC: 95A

S.P.: 85 - 1269

MIGRATED SECTION

NORMAL POLARITY

ACQUISITION PARAMETERS

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SOURCE TYPE: DYNAMITE          SHOOTING DIRECTION: SW -> NE
SOURCE INTERVAL: 132 M         GROUP INTERVAL: 33 M
SOURCE PATTERN: SINGLE         GEOPHONE PATTERN: 9 OVER 33 M
CHARGE SIZE: 2 KG             CHARGE DEPTH: 18 M
SPREAD: (1R)                   1      60      61      120
      (D15T) 1980 M --- 33 M --- X --- 33 M --- 1980 M

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RECORDING PARAMETERS

RECORDED BY: ENERTEC GEOPHYSICAL PTY 168
RECORDING SYSTEM: DFS V
RECORD LENGTH: 4 SECONDS
RECORDING FILTER: 12-120 HZ, NOTCH OUT

DATE: JANUARY, 1985
FORMAT: SEGB
SAMPLE RATE: 2 MS.
GEOPHONE TYPE: MARK L25 14 HZ

PROCESSING HISTORY

1. DEMULTIPLY/DISPLAY/EDIT
OUTPUT SAMPLE RATE: 2 HZ.
OUTPUT RECORD LENGTH: 3 SEC.
2. AMPLITUDE RECOVERY
TYPE: SPHERICAL DIVERGENCE
3. DECONVOLUTION
TYPE: SPINNING
COPIES: 1
DESIGN WINDOW: 1 NEAR OFFSET: 350 - 1100 HZ.
DESIGN WINDOW: 2 NEAR OFFSET: 500 - 1500 HZ.
DESIGN WINDOW: 3 NEAR OFFSET: 1150 - 1700 HZ.
DESIGN WINDOW: 4 NEAR OFFSET: 1150 - 1700 HZ.
DESIGN WINDOW: 5 NEAR OFFSET: 0 - 1000 HZ.
DESIGN WINDOW: 6 NEAR OFFSET: 1100 - 3000 HZ.
OPERATOR LENGTH: 80 HZ.
PITCH/TENDING: 1 2
4. CDP TRACE GATHER
5. VELOCITY ANALYSIS
TYPE: COHERENCY SPECTRA AND COMMON OFFSET STACKS
6. NORMAL MOVEOUT APPLICATION

VELOCITY FUNCTION AT SP 200			VELOCITY FUNCTION AT SP 305		
TIME (MS.)	VARSIN (SEC.)	VINT (IN./SEC.)	TIME (MS.)	VARSIN (SEC.)	VINT (IN./SEC.)
100	0.000	0.000	100	0.000	0.000
110	0.000	0.000	110	0.000	0.000
120	0.000	0.000	120	0.000	0.000
130	0.000	0.000	130	0.000	0.000
140	0.000	0.000	140	0.000	0.000
150	0.000	0.000	150	0.000	0.000
160	0.000	0.000	160	0.000	0.000
170	0.000	0.000	170	0.000	0.000
180	0.000	0.000	180	0.000	0.000
190	0.000	0.000	190	0.000	0.000
200	0.000	0.000	200	0.000	0.000
210	0.000	0.000	210	0.000	0.000
220	0.000	0.000	220	0.000	0.000
230	0.000	0.000	230	0.000	0.000
240	0.000	0.000	240	0.000	0.000
250	0.000	0.000	250	0.000	0.000
260	0.000	0.000	260	0.000	0.000
270	0.000	0.000	270	0.000	0.000
280	0.000	0.000	280	0.000	0.000
290	0.000	0.000	290	0.000	0.000
300	0.000	0.000	300	0.000	0.000
310	0.000	0.000	310	0.000	0.000
320	0.000	0.000	320	0.000	0.000
330	0.000	0.000	330	0.000	0.000
340	0.000	0.000	340	0.000	0.000
350	0.000	0.000	350	0.000	0.000
360	0.000	0.000	360	0.000	0.000
370	0.000	0.000	370	0.000	0.000
380	0.000	0.000	380	0.000	0.000
390	0.000	0.000	390	0.000	0.000
400	0.000	0.000	400	0.000	0.000
410	0.000	0.000	410	0.000	0.000
420	0.000	0.000	420	0.000	0.000
430	0.000	0.000	430	0.000	0.000
440	0.000	0.000	440	0.000	0.000
450	0.000	0.000	450	0.000	0.000
460	0.000	0.000	460	0.000	0.000
470	0.000	0.000	470	0.000	0.000
480	0.000	0.000	480	0.000	0.000
490	0.000	0.000	490	0.000	0.000
500	0.000	0.000	500	0.000	0.000
510	0.000	0.000	510	0.000	0.000
520	0.000	0.000	520	0.000	0.000
530	0.000	0.000	530	0.000	0.000
540	0.000	0.000	540	0.000	0.000
550	0.000	0.000	550	0.000	0.000
560	0.000	0.000	560	0.000	0.000
570	0.000	0.000	570	0.000	0.000
580	0.000	0.000	580	0.000	0.000
590	0.000	0.000	590	0.000	0.000
600	0.000	0.000	600	0.000	0.000
610	0.000	0.000	610	0.000	0.000
620	0.000	0.000	620	0.000	0.000
630	0.000	0.000	630	0.000	0.000
640	0.000	0.000	640	0.000	0.000
650	0.000	0.000	650	0.000	0.000
660	0.000	0.000	660	0.000	0.000
670	0.000	0.000	670	0.000	0.000
680	0.000	0.000	680	0.000	0.000
690	0.000	0.000	690	0.000	0.000
700	0.000	0.000	700	0.000	0.000
710	0.000	0.000	710	0.000	0.000
720	0.000	0.000	720	0.000	0.000
730	0.000	0.000	730	0.000	0.000
740	0.000	0.000	740	0.000	0.000

7. DRIFT CORRECTIONS
DATAIN 700 H 1 MS
REPLACEMENT VELOCITY 3000 1/SEC.
8. AUTOMATIC SURFACE CONSISTENT STATES
HINDOH 300 - 600 HZ.
HINDOH TRIM STATICS
HINDOH 200 - 1700 HZ.
9. FILTER APPLICATION
TYPE1 ZERO PHASE BANDPASS
TIME1S 10 15 20 70
10. TRACE MUTING
OFFSET(M) 340 0 350 1500 4000
TIME(HS.) 100 100 1200 1200
11. CDP STACKING
STACKING FOLD 1500K
12. MIGRATION
GOSIN THE
TIME1 FINITE DIFFERENCE
VELOCITY(RES) 800 OF STACKING
13. SCALING
TYPE* RESIDUAL DECAY ADJUSTMENT
14. DISPLAY TO FILM
VERTICAL PLATING SCALE 7.5 INCHES/SEC
HORIZONTAL PLATING SCALE 3 INCHES/SEC

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Telex: 053-3502 Cabt

PROJ. NO.

92

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P
2
8

8

LINE NO

80

PART NO

1 OF

R.R. 8X

