BURMAH OIL EXPLORATION LTD

BURMAH OIL TRADING LTD. **ANCONA , ITALY**

NW C.D.P. 500 LINE 3(2) C.D.P. 1778 SE

FILTERED STACK

FIELD RECORDING

Party: 1272450

Ship: GRECALE PRIMO

Field Recorder: SN 338

Filter: Low Cut: 56 Hz
High Cut: 250 Hz

Sampling Rate: 1 ms

Record Length: 2 s

Streamer: 192 m

Groups: 24

Geophones per Group: 16

Group Interval: 8·35 m

Streamer Depth: 5 m

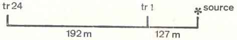
Energy Source: SPARKER: 16 KJ

Shot Point Interval: 8·35 m

Shot Offset: 127 m

Coverage: 1200 %

Shooting Date: MAY 1977


tr 24
tr 1
source
192 m
127 m

BOAT MOTION →

Recorded by:
ANGLO FRENCH OFFSHORE SURVEYS LTD.

DIGITAL PROCESSING

1. Demultiplex
2. True Amplitude Recovery
3. C.D.P. Gather
4. Resample to 2 ms
5. Polarity Reversal of Field Traces:
   9 - 12, 16 - 18, 22 - 24
6. Velocity Analysis (continuous velocity gather scan)
7. NMO Corrections
8. Stack 1200 %
9. Whitening Deconvolution
   Computation Windows: 1500 - 1900 ms
   Operator Length: 60 ms ; White Noise Level: 1·0 %
10. Coherency Enhancement
11. Time Variant Filter
12. Trace Equalisation
13. Display

PROCESSED BY C.G.G. LONDON. JULY 1977

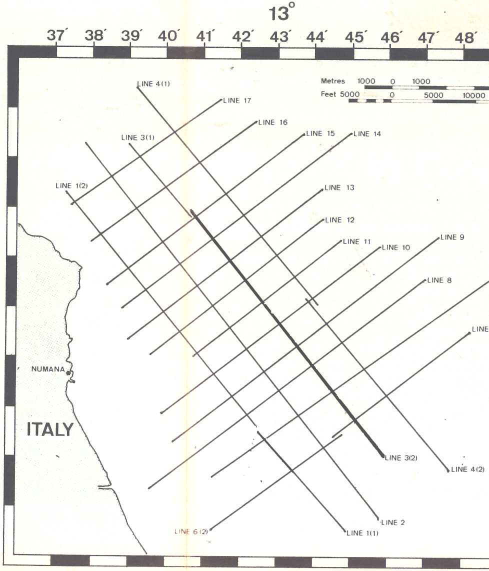
Security Nº: 1272450

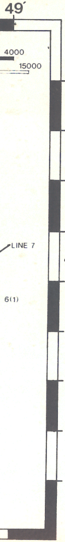
Horizontal Scale: 0·5 mm Intertrace Gap = 4.175 m (in the field)

Vertical Scale: 10 cms/sec

Polarity: A compression wave at geophone was recorded as a negative number and displayed as a trough (white)

ANGLO FRENCH OFFSHORE SURVEYS LTD

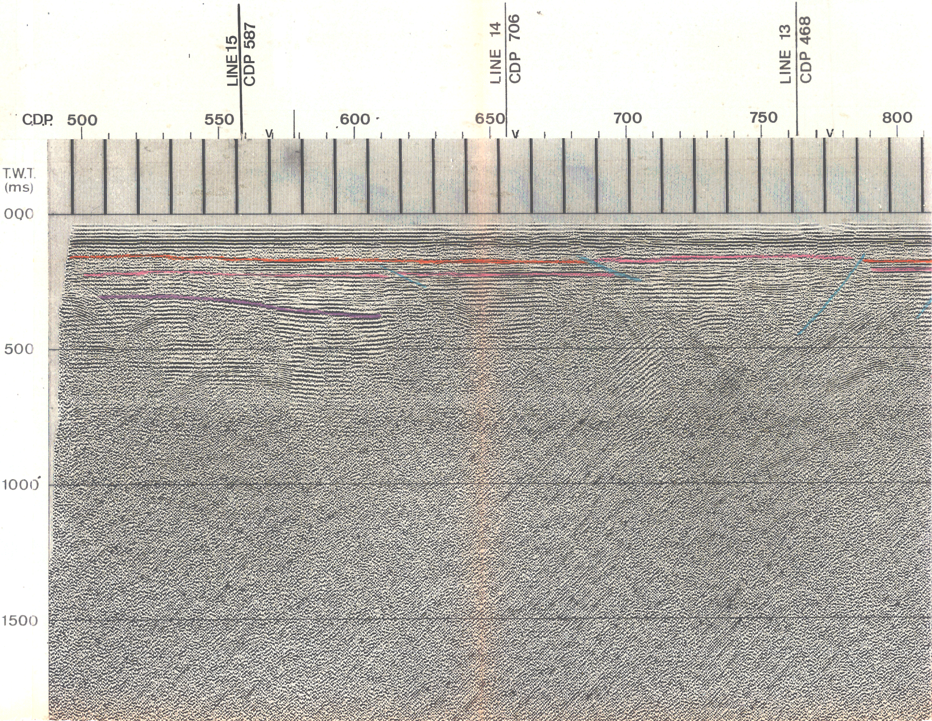

13°
37′
38′
39′
40′
41′
42′
43′
44′
45′
46′
47′
48′
Metres 1000 0 1000
Feet 5000 0 5000 10000
LINE 4(1)
LINE 17
LINE 16
LINE 15
LINE 14
LINE 3(1)
LINE 1(2)
LINE 13
LINE 12
LINE 11
LINE 10
LINE 9
LINE 8
LINE
NUMANA
ITALY
LINE 3(2)
LINE 4(2)
LINE 2
LINE 6(2)
LINE 1(1)


49´
4000
15000
36´
35´
34´
33´
LINE 7
43°
32´
6(1)
31´
30´
29´
28´

TIME	NMO VEL	INT VEL
100	1400	1400
150	1500	1682
370	1800	1978
610	2600	2490
890	3000	3725
1150	3400	4506
1500	3700	4548
		5000

TIME	NMO VEL	INT VEL
100	1400	1400
260	1600	1713
360	1800	2237
600	2400	3088
900	3000	3934
1200	3400	4386
1400	3600	4621
		5000

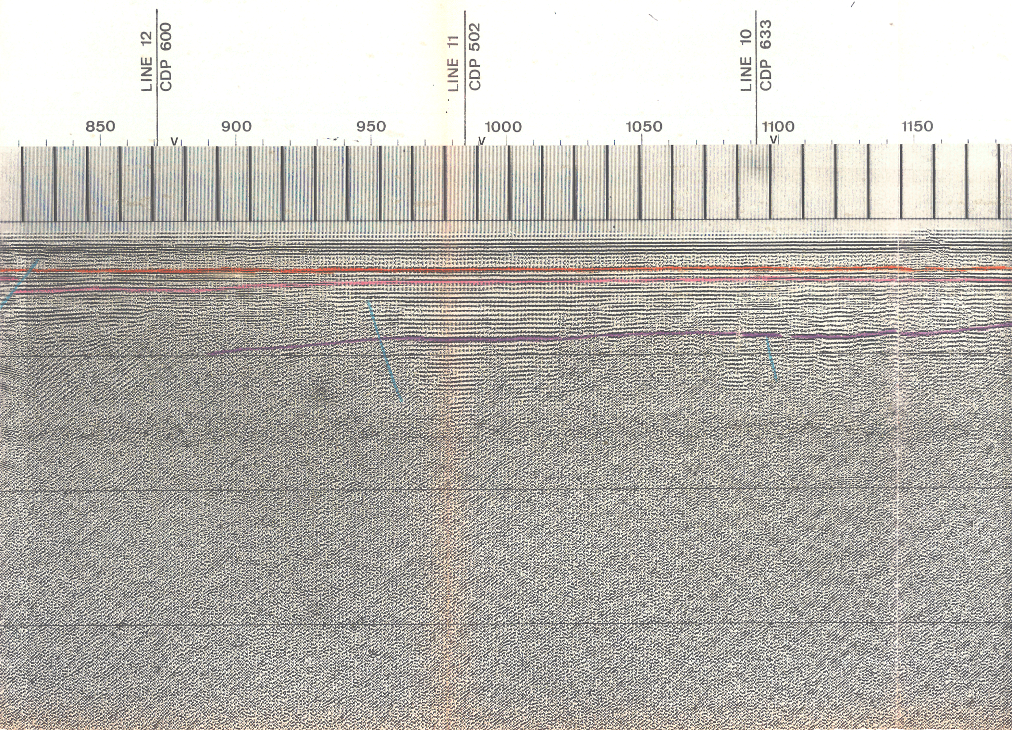
TIME	NMO VEL	INT VEL
100	1400	1400
260	1600	1713
380	1800	2171
560	2200	2866
900	3000	3981
1500	3700	4582
		5000



TIME	NMO VEL	INT VEL
100	1400	1400
260	1600	1713
360	1800	2237
575	2400	3174
910	3000	3798
1500	3700	4574
		5000

TIME	NMO VEL	INT VEL
100	1400	1400
260	1600	1713
370	1830	2201
600	2400	3132
1010	3100	3904
1500	3700	4701
		5000

TIME	NMO VEL	INT VEL
100	1400	1400
250	1600	1720
370	1800	2157
630	2400	3057
1030	3200	4150
1400	3700	4826
		5000



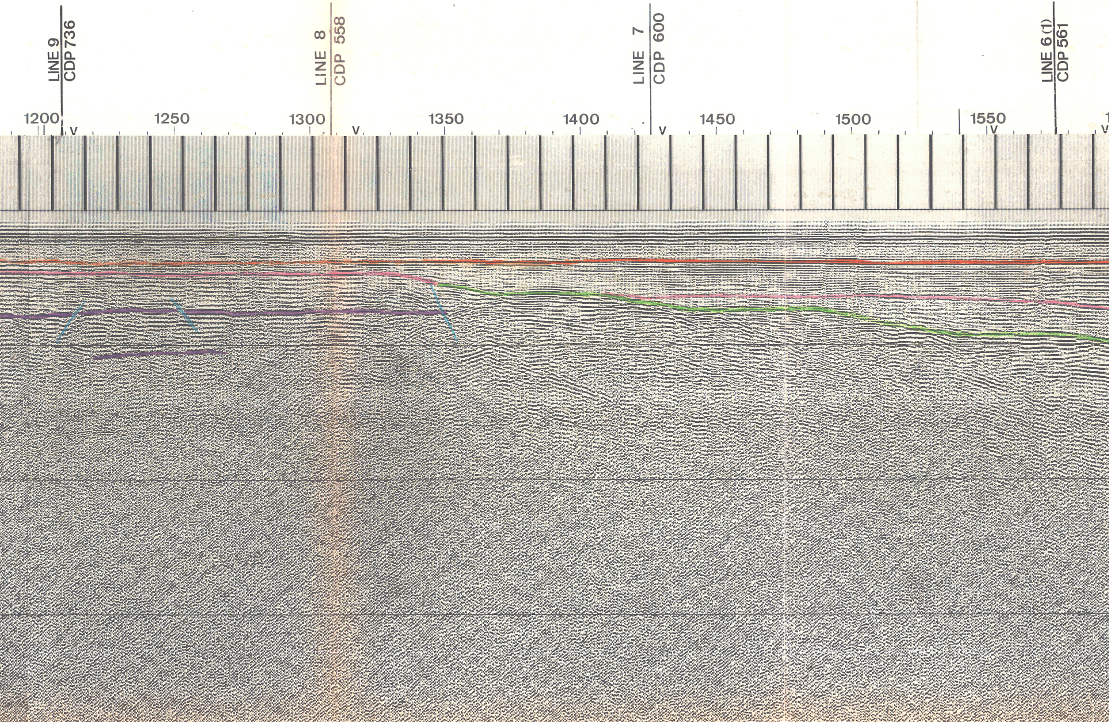
TIME	NMO VEL	INT VEL
100	1400	1400
230	1600	1738
350	1800	2131
550	2300	2979
870	3000	[illegible]
1400	3800	4834
		5000

TIME	NMO VEL	INT VEL
100	1400	1400
230	1600	1738
340	1800	2159
670	2300	2720
1010	3200	4471
1400	3800	5031
		5000

TIME	NMO VEL	INT VEL
100	1400	1400
200	1550	1686
350	1800	2087
540	2100	2562
800	2400	2926
1050	3200	4957
1410	3700	4873
		5000

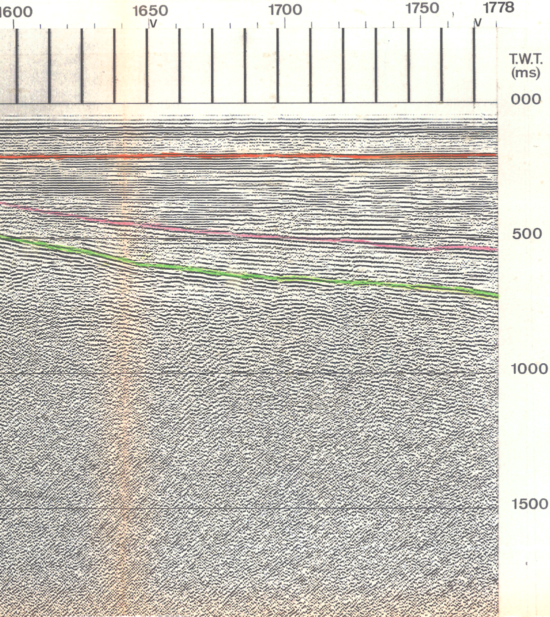
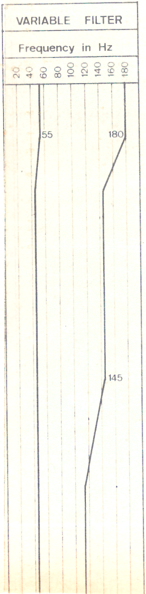
TIME	NMO VEL	INT VEL
100	1400	1400
250	1600	1720
460	1900	2204
680	2200	2722
880	2400	2981
1300	3700	5505
		5000

TIME	NMO VEL
100	1400
260	1600
470	1900
770	2300
1300	3700



INT VEL
1400
1713
2215
2814
5088
5000

TIME	NMO VEL	INT VEL
100	1400	1400
300	1500	1547
450	1600	1783
680	2100	3155
970	2400	2619
1320	3700	5972
		5000

TIME	NMO VEL	INT VEL
100	1400	1400
280	1500	1552
470	2000	2564
680	2200	2898
970	2500	3091
1400	3700	5520
		5000