

269001

GEOLOGICAL PROGNOSIS  
SEAL NO. 1 WILDCAT WELL

Bridge Oil Limited,  
November 1985.

TPR  
OR\_0281A

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## 1. INTRODUCTION

The T-19-P permit, Bass Basin (Figure 1), is in the fifth year of its primary term with an anniversary date of March 26, 1986. Remaining obligations on the permit involve the drilling of four (4) wells; two are due to be drilled in year 5 (by 26.3.86), one in year 6 (by 26.3.87) and a delayed well deferred from year 4.

During 1985, as part of the year 4 commitment, the joint venture participants acquired 404 km of seismic. Interpretation of these data incorporating work to date, has highgraded only one prospect suitable for immediate drilling, namely the "Seal" prospect. Further seismic is required to delineate additional drilling targets. Leads which require additional seismic are indicated on Figure 2.

The Seal No. 1 Well to be located at SP 140 Line BB 85-72 will test an independent four-way dip closure at the top of the Eastern View Coal Measures. Drilling to a total depth of 5200 feet would provide an adequate test of Eocene and Paleocene sands overlying economic basement composed of Lower Cretaceous volcanics.

## 2. SEISMIC INTERPRETATION

The Seal structure was originally recognized on a 1965 vintage line EB-3 which indicated a pronounced NE-SW dip closure at top Eastern View draped over an irregular, slightly faulted basement surface. Seismic surveys recorded by Weaver in 1981-1982 and by Bridge in 1985 provided enough additional infill and detailed coverage to allow for reliable mapping and definition of a four-way dip closure. (Figure 3). Two representative seismic lines have been included as Enclosures 1 and 2.

The Seal prospect is situated on a southeast plunging tilted basement fault block. The northeastward tilted fault block is controlled by a down to the southwest fault which bounds the Seal prospect to the southwest. This fault shows considerable growth during Eastern View deposition and forms a possible conduit for hydrocarbons migrating from the deeper part of the basin.

Northeast - southwest dip closure is well demonstrated on Line BB85-72. (Enclosure 1). Critical north-west dip is well demonstrated on lines PB-82-21, BB-85-73 (Enclosure 2) and BB-85-71. The structure shows good paleogrowth within the Eastern View section across the tilted basement fault block.

Mapping at top Eastern View Coal Measures indicates an areal closure of 3000-4000 acres and a vertical closure of 280 feet. (Figure 3).

### 3.1 GEOLOGICAL SETTING

The Seal structure is located on a northeast tilted fault block typical of the Northwest Bass Basin. It lies upthrown on a large paleo-fault which represents the northeast boundary of the central graben depocentre which trends northwest-southeast into T-19-P. This depocentre plunges south-eastward towards T-18-P and forms a natural migration ramp into T-19-P. As much as 14,000 feet of section may exist in the central graben in T-19-P. Geochemical studies in the northwest Bass Basin indicate an oil window between 9,000 - 12,000 feet.

Although the Seal structure itself is not within the oil window, adjacent areas of the central graben are within the oil window and should be generative. Migration paths are provided by the large faults bounding Seal to the southwest as well as along the southeast plunging Seal trend.

It should be noted that an F.I.T. taken in Cormorant No. 1, located 60 kilometers southeast of Seal, recovered 20,000 cc of 22° API oil at a depth of only 4,922 feet. This occurrence of live oil almost 3,500 feet above the inferred oil window testifies to the vertical migration efficiency of associated faulting. To a lesser extent, Yolla No. 1 encountered good shows of oil at 6,000 feet or 3,000 feet above the oil window. Yolla was also drilled on a structure with associated faulting and thick flanking depocentres.

At Seal there is also a suggestion of additional section sub-cropping below a prominent unconformity on the northeast flank of the Seal structure within four kilometers of the proposed drill site. Evidence of this is demonstrated on the northeast end of Line BB-85-70 and Line B-71-A-39S. Thicknesses of up to 9,000 feet are suggested.

Seal, although shallow, appears to be surrounded on both flanks by areas of thick section ranging from 9,000 - 12,000 feet. Only one well, Konkon No. 1 has been drilled in the area that currently encompasses T-19-P. The Konkon structure was controlled by two seismic lines acquired in 1966-1967. It was at best a loosely controlled, extremely subtle structure, programmed to test an interpreted closed wedge of Eastern View sediments on the flank of a large plunging nose.

In addition to its questionable trapping mechanism, Konkon No. 1 was far removed from the central graben depocentre and showed no evidence of thick flanking section. Migration paths to Konkon would have been primarily lateral, distant and complicated.

Although the Seal prognosis looks very similiar to the Konkon No. 1 well, its regional setting is strikingly different due to its proximity to the central graben depocentre.

Seal No. 1 will represent a valid test of a closed top Eastern View structure and will aid in determining the generative potential of the central graben.

### POTENTIAL RESERVES

Using parameters given below, potential recoverable reserves are:-

MINIMUM - 2000 ACRES X 75 FEET X 200 BO/AF = 30 MMBO  
 =====

MAXIMUM - 4000 ACRES X 100 FEET X 300 BO/AF = 120 MMBO  
 =====

### 3.2 OBJECTIVE SECTION

Stratigraphic control for the Seal prospect is provided by the Konkon No. 1 well located 24 kilometers to the northeast. Utilizing a synthetic seismogram from Konkon No. 1 and lines PB-82-24 and PB-82-10 an accurate correlation was developed. The reliability of this correlation is highest at top Eocene shale and top P. asperopolus levels. Reliability decreases at lower Eastern View and basement levels.

The Seal No. 1 Well should encounter a section very similiar to Konkon No. 1. Prospective reservoirs of N. asperus and P. asperopolus age (Eocene) were drilled in Konkon No. 1. Two individual sand bodies with thicknesses of 250 and 300 feet were encountered. Sidewall cores taken within these sands indicated fair to good porosity and permeability.

These Eastern View sands are the primary objectives at Seal. (Figure 4). Secondary objectives are provided by Lower Eocene and Paleocene sands. Top seal is provided by the thick Eocene shale section (Demon's Bluff) which overlies the Eastern View, clastic reservoirs.

#### 4. OPENHOLE LOGGING AND FORMATION EVALUATION

The following suite of logs and wireline formation test program have been specifically designed to evaluate the hydrocarbon potential of the Seal prospect.

The first run of logs will take place before the 13-3/8" surface casing is put in place.

Run # 1 Interval 244 - 640m.KB  
DIL-LSS-CAL-GR-SP  
Velocity Survey

The second run of logs will take place at total depth.

Run # 2 Interval 640m.KB - T.D.  
DIL-LSS-CAL-GR-SP  
LDT-CNL-GR-CAL  
MLL-GR-CAL  
Velocity Survey

Should hydrocarbons be present, in addition the following tools will be run as required.

HDT  
CST (1 or 2 guns)  
RFT

#### DRILLING DATA

Mud Logging : Continuous from the 20" conductor casing shoe to total depth.

Cuttings:

Five sets of washed and dried cuttings will be caught every 10 metres from the conductor casing shoe down to a depth of 640 metres. Sampling intervals may be varied as dictated by rapid drilling rates. Minimum sample size will have a weight of 100 grams. Sampling rate will be reduced to 3 metres over the interval 640 metres to total depth.

Conventional  
Cores :

Below the surface casing shoe, conventional cores will be cut only if significant hydrocarbon indications are encountered.

Sidewall Cores:

Below the surface casing shoe, sidewall cores will be acquired only if significant hydrocarbon indications are encountered or if required for palynologic analysis.

\* \* \* \* \*

144°00'

145°00'

146°00'

147°00'

269009

PROPOSED LOCATION  
SEAL NO 1

T 19 P

KONKON-1

TOOLKA-1

CORMORANT-1

AROO-1

BASS-1

BASS-2

BASS-3

YOLLA-1

YURONGI-1

DONDU-1

TAROOK-1

NANGKERO-1

POOBOON-1

SQUID-1

NARIMBA-1

PIPIPA-1

PELICAN

PELICAN -  
GAS-CONDENSATE FIELD  
0.9 TCFG.I.P.  
125 MMB C.I.P.

T 16 P

TASMANIAN DEVIL -1

T 15 P

T 16 P

DURROON -1

OIL STRIKE BY AMOCO  
ET AL. 1985

AMOCO LOCATIONS

BASIN  
EDGE

-39°30'

-40°00'

-40°30'

SCALE 1:1000000



LOCALITY DIAGRAM

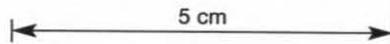


HUNTER ISLAND

THREE HUMMOCK ISLAND

FLANDERS ISLAND

TASMANIA



BRIDGE OIL LIMITED

BASS BASIN

REGIONAL PERMIT

MAP

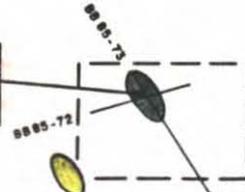
AUTHOR: H.H. | DATE: JULY '85 | FIG N.: 1

269010

T 19 P

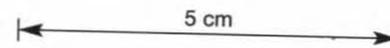
KONKON-1

PROPOSED LOCATION  
SEAL NO 1



KEY  
LEADS  
PROSPECTS

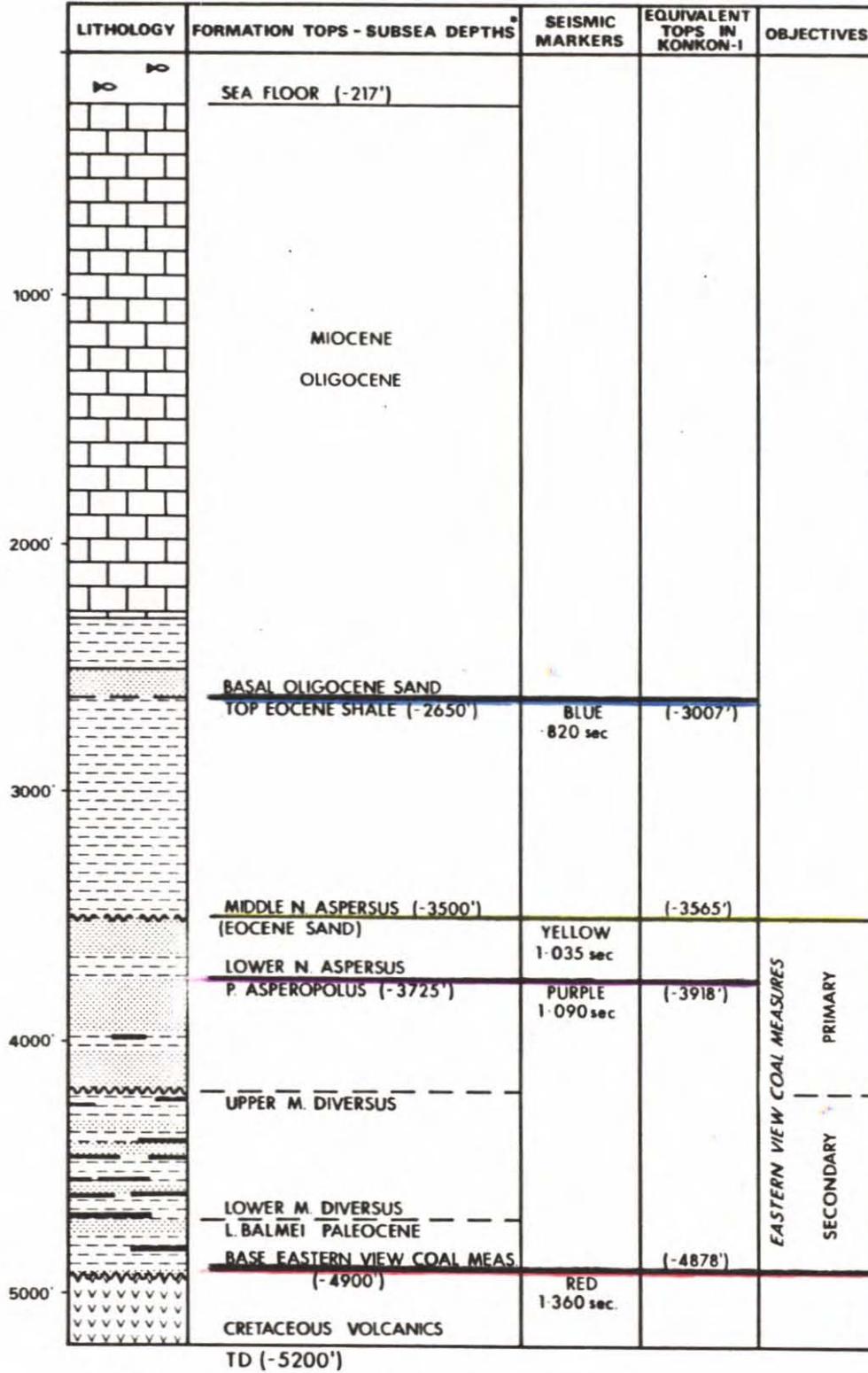
SCALE



**B** BRIDGE OIL LIMITED  
BASS BASIN - T 19 P  
PERMIT MAP  
WITH LEADS &  
PROSPECTS  
AUTHOR : H.H. DATE : JULY '85 FIG.No.: 2



**SEAL N°1 PROGNOSIS**  
 LOCATION - LINE BB85-72, SP 140  
 WATER DEPTH - 217 FT.  
 P.T.D. - 5200 FT.



• SOURCE OF VELOCITY DATA - KONKON-1 TIME DEPTH CURVE

5 cm

DATE: SEPT. '85
V. SCALE: 1"=500' FIG. N°: 4

LINE BB85-72  
S.P. 35-350

SP	29.50			
TIME	MS	VEL	DBI	INT
0.00	1450	1450		
0.10	1500	1500		
0.21	1710	1801		
0.48	1780	1848		
0.55	1920	2313		
0.77	1960	2184		
1.08	2130	2503		
1.18	2160	2530		
1.40	2350	2923		
1.48	2480	3198		
1.79	3300	5888		
1.94	3620	6287		
2.41	4110	5703		
5.00	4990	5688		

SP	104.50			
TIME	MS	VEL	DBI	INT
0.00	1450	1450		
0.10	1500	1500		
0.42	1925	2300		
0.67	1940	1985		
0.77	1970	2180		
0.97	2075	2437		
1.14	2110	2478		
1.24	2230	3075		
1.35	2410	3982		
1.60	2880	4881		
2.02	3500	5277		
2.71	4150	5637		
5.00	4890	5642		

SP	179.50			
TIME	MS	VEL	DBI	INT
0.00	1450	1450		
0.10	1470	1470		
0.42	1730	1804		
0.59	1820	2025		
0.75	1850	2388		
0.99	2080	2442		
1.11	2170	2604		
1.24	2250	2843		
1.33	2280	2783		
1.44	2450	3895		
1.53	2750	5793		
2.23	3550	4860		
3.10	4250	5665		
5.00	4880	5393		

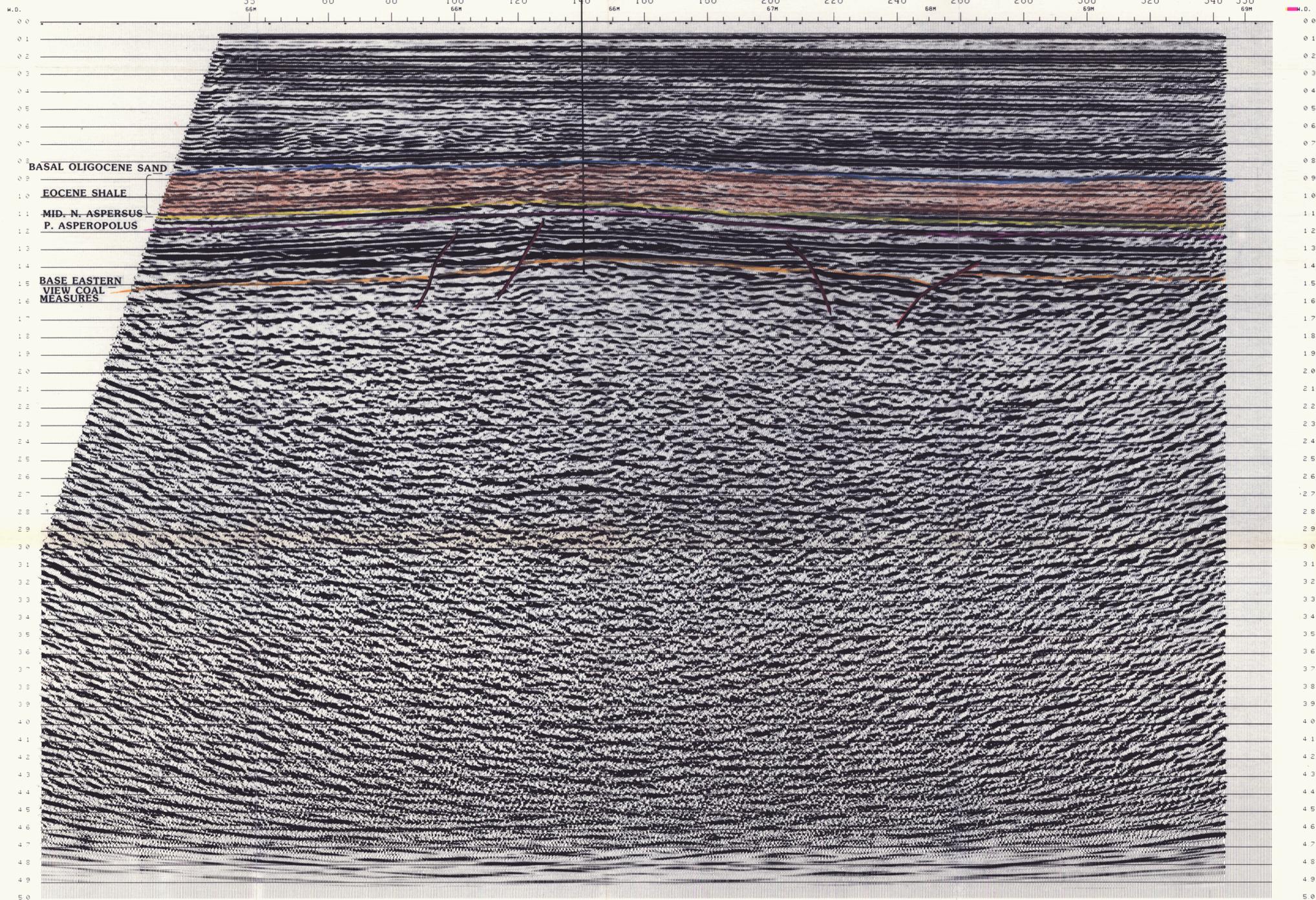
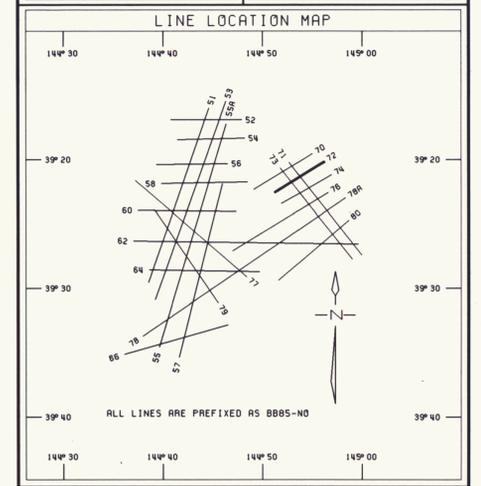
SP	254.50			
TIME	MS	VEL	DBI	INT
0.00	1450	1450		
0.10	1490	1490		
0.31	1810	1944		
0.53	1960	2154		
0.80	2000	2078		
1.11	2130	2434		
1.30	2270	2958		
1.39	2320	2949		
1.51	2480	3879		
1.56	2550	4140		
1.63	2740	5469		
1.75	3050	5804		
1.95	3400	5596		
2.05	3620	6574		
2.23	3890	6183		
2.53	4250	6388		
3.25	4500	5257		
5.00	4860	5717		

MIGRATED SECTION  
 LINE : BB85-72  
 S.P. 35 TO 350  
 NORTHEAST  
 DIRECTION SHOT= 058 DEGREES  
 269013  
 120TRACE 6000Z DBS STK DAS MIG RMS BPF

BRIDGE OIL LIMITED  
 AREA : BASS BASIN  
 T-19-P

WESTERN GEOPHYSICAL  
 DIVISION OF LITTON INDUSTRIES  
 SINGAPORE DIGITAL CENTRE  
 RECORDED APRIL 1985  
 PROCESSED MAY 1985

RECORDING DATA		PROCESSING SEQUENCE	
<b>BOAT</b> WESTERN ODYSSEY NAVIGATION BY MAP LOCATIONS		PARTY: BS NAVIGATOR ANTENNA POSITION	
<b>SOURCE</b> AIR GUN VOLUME 1530 CU/IN AIR GUN PRESSURE 4660 PSI. GUN DEPTH 6 M. S.P. INTERVAL 26.67 M. POP INTERVAL 26.67 M. SHOOTING RATE 37.5 PDPS/KM. NO. OF GUNS 19		SAMPLING INTERVAL 4 MS.  FORMAT CONVERSION INPUT: 120 CHANNELS SEC D ARRAY-FORMED OUTPUT: MGC CODE 4 FORMAT (FL, PT, I).	
<b>INSTRUMENTS</b> SYSTEM L.R. 5, 16 FORMAT SEC-D 1.6250 BPI FILTRES 12 HZ, 375 HZ, 12 / 72 DB/OCT RECORD LENGTH 5 SECONDS SAMPLE RATE 1 MS. POLARITY COMPRESSION NEGATIVE		SIGNATURE DECONVOLUTION OPERATION DESIGNED FROM AVERAGE OF RECORDED NEAR FIELD SIGNATURES.  DECONVOLUTION TYPE: LEAST SQUARES MINIMUM PHASE INVERSE FILTER 2 WINDOWS WINDOW #1 (NR OFFSET) 300-3000 MS. WINDOW #1 STOP TIME VEL 2500 MS. WINDOW #2 (NR OFFSET) 2500-5000 MS. WINDOW #2 STOP TIME VEL 5000 MS. AUTOCORRELATION LENGTH 200 MS. MINIMUM PREDICTION LAG 12 MS. OPERATION LENGTH 232 MS.	
<b>CABLE</b> STREAMER 3200 M. GROUPS 248 GROUP INTERVAL 13.33 M. LEAD IN 132 M. CABLE DEPTH 12 M. AVERAGE		COMMON DEPTH POINT SORT  M.A.F. MULTIPLE ATTENUATION FILTER	
<b>ARRAY FORMED SPECIFICATIONS</b> TRACES 120 TRACE INTERVAL 26.67 M. FILTRES 12 HZ, 180 HZ, 6 / 180 DB/OCT SAMPLE RATE 2 MS.		VELOCITY ANALYSIS 2 CDFS/ANALYSIS EVERY TWO KILOMETER  N.M.O. STACK 6000Z N.M.O. CORRECTION	
<b>LEGEND</b> H.D. WATER DEPTH V VELOCITY ANALYSIS		RESIDUAL VELOCITY WORK D.C. OF STACKING VELOCITIES RESTACK IF NECESSARY	
<b>COMMENTS</b> DATUM PLANE : SEA LEVEL CORRECTION APPLIED ON FINAL DISPLAY GUN CORRECTION ..... 0.000 MS. CABLE CORRECTION ..... 0.008 MS. TOTAL CORRECTION ..... 0.008 MS.		DECONVOLUTION TYPE: LEAST SQUARES MINIMUM PHASE INVERSE FILTER ONE WINDOW AUTOCORRELATION LENGTH 180 MS. MINIMUM PREDICTION LAG 24 MS. OPERATION LENGTH 160 MS.	
DISPLAY POLARITY NEGATIVE NUMBER ON TRACE REPRESENTED BY W THROUGH		BANDPASS FILTER 10-90 HZ.  MIGRATION FINITE DIFFERENCE  RMS GAIN WINDOW LENGTH 64 MS. - 1024 MS.  FINAL FILTER SLOPE (DB/OCTIVE) L.C. M.C. 18 36 TIME OF APPLICATION 0000-5000 MS. 10 90  PLAYBACK SCALE: HORIZONTAL 1:15,788 30 TR/IN. VERTICAL 3.75 IN/SECOND 16 DB. SAMPLE RATE 4 MS.	



LINE BB85-73  
S.P. 65-691

SP	59.50
0.00	1450
0.10	1510
0.20	1570
0.30	1630
0.40	1690
0.50	1750
0.60	1810
0.70	1870
0.80	1930
0.90	1990
1.00	2050
1.10	2110
1.20	2170
1.30	2230
1.40	2290
1.50	2350
1.60	2410
1.70	2470
1.80	2530
1.90	2590
2.00	2650
2.10	2710
2.20	2770
2.30	2830
2.40	2890
2.50	2950
2.60	3010
2.70	3070
2.80	3130
2.90	3190
3.00	3250

SP	134.50
0.00	1450
0.10	1510
0.20	1570
0.30	1630
0.40	1690
0.50	1750
0.60	1810
0.70	1870
0.80	1930
0.90	1990
1.00	2050
1.10	2110
1.20	2170
1.30	2230
1.40	2290
1.50	2350
1.60	2410
1.70	2470
1.80	2530
1.90	2590
2.00	2650
2.10	2710
2.20	2770
2.30	2830
2.40	2890
2.50	2950
2.60	3010
2.70	3070
2.80	3130
2.90	3190
3.00	3250

SP	209.50
0.00	1450
0.10	1510
0.20	1570
0.30	1630
0.40	1690
0.50	1750
0.60	1810
0.70	1870
0.80	1930
0.90	1990
1.00	2050
1.10	2110
1.20	2170
1.30	2230
1.40	2290
1.50	2350
1.60	2410
1.70	2470
1.80	2530
1.90	2590
2.00	2650
2.10	2710
2.20	2770
2.30	2830
2.40	2890
2.50	2950
2.60	3010
2.70	3070
2.80	3130
2.90	3190
3.00	3250

SP	284.50
0.00	1450
0.10	1510
0.20	1570
0.30	1630
0.40	1690
0.50	1750
0.60	1810
0.70	1870
0.80	1930
0.90	1990
1.00	2050
1.10	2110
1.20	2170
1.30	2230
1.40	2290
1.50	2350
1.60	2410
1.70	2470
1.80	2530
1.90	2590
2.00	2650
2.10	2710
2.20	2770
2.30	2830
2.40	2890
2.50	2950
2.60	3010
2.70	3070
2.80	3130
2.90	3190
3.00	3250

SP	359.50
0.00	1450
0.10	1510
0.20	1570
0.30	1630
0.40	1690
0.50	1750
0.60	1810
0.70	1870
0.80	1930
0.90	1990
1.00	2050
1.10	2110
1.20	2170
1.30	2230
1.40	2290
1.50	2350
1.60	2410
1.70	2470
1.80	2530
1.90	2590
2.00	2650
2.10	2710
2.20	2770
2.30	2830
2.40	2890
2.50	2950
2.60	3010
2.70	3070
2.80	3130
2.90	3190
3.00	3250

SP	434.50
0.00	1450
0.10	1510
0.20	1570
0.30	1630
0.40	1690
0.50	1750
0.60	1810
0.70	1870
0.80	1930
0.90	1990
1.00	2050
1.10	2110
1.20	2170
1.30	2230
1.40	2290
1.50	2350
1.60	2410
1.70	2470
1.80	2530
1.90	2590
2.00	2650
2.10	2710
2.20	2770
2.30	2830
2.40	2890
2.50	2950
2.60	3010
2.70	3070
2.80	3130
2.90	3190
3.00	3250

SP	509.50
0.00	1450
0.10	1510
0.20	1570
0.30	1630
0.40	1690
0.50	1750
0.60	1810
0.70	1870
0.80	1930
0.90	1990
1.00	2050
1.10	2110
1.20	2170
1.30	2230
1.40	2290
1.50	2350
1.60	2410
1.70	2470
1.80	2530
1.90	2590
2.00	2650
2.10	2710
2.20	2770
2.30	2830
2.40	2890
2.50	2950
2.60	3010
2.70	3070
2.80	3130
2.90	3190
3.00	3250

SP	584.50
0.00	1450
0.10	1510
0.20	1570
0.30	1630
0.40	1690
0.50	1750
0.60	1810
0.70	1870
0.80	1930
0.90	1990
1.00	2050
1.10	2110
1.20	2170
1.30	2230
1.40	2290
1.50	2350
1.60	2410
1.70	2470
1.80	2530
1.90	2590
2.00	2650
2.10	2710
2.20	2770
2.30	2830
2.40	2890
2.50	2950
2.60	3010
2.70	3070
2.80	3130
2.90	3190
3.00	3250

LINE BB85-70  
SP 217.0

SEAL  
LINE BB85-72  
SP 138.0

LINE BB81-11H  
SP 198.0

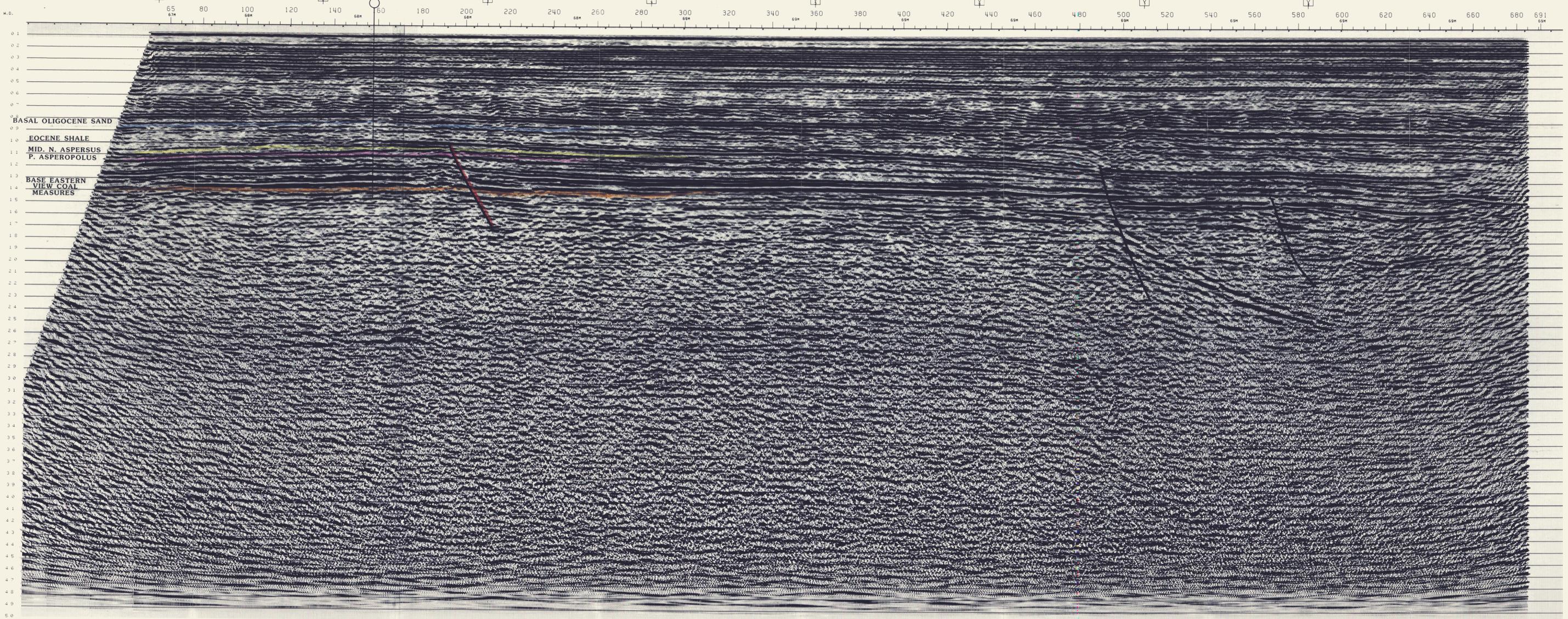
LINE BB85-74  
SP 148.0

LINE BB85-76  
SP 153.0

LINE BB85-78  
SP 1181.2

LINE BB85-80  
SP 1161.4

LINE BB85-62  
SP 1011.4



BASAL OLIGOCENE SAND  
Eocene shale  
MID. N. ASPERSUS  
P. ASPEROPOLUS  
BASE EASTERN  
VIEW COAL  
MEASURES

OR. 28/A  
269614  
MIGRATED SECTION  
LINE : BB85-73  
S.P. 65 TO 691  
SOUTHEAST  
DIRECTION SHOT- 141 DEGREES

BRIDGE OIL LIMITED  
AREA : BASS BASIN  
T-19-P

WESTERN GEOPHYSICAL  
DIVISION OF LITTON INDUSTRIES  
SINGAPORE DIGITAL CENTRE

RECORDED APRIL 1985  
PROCESSED MAY 1985

RECORDING DATA	PROCESSING SEQUENCE
DATE: 1985 04 10 PARTY: BB NAVIGATION: 01 MAP LOCATION: 198 SOURCE: 1530 COIN AIR GUN VOLUME: 4000 PSI GUN DEPTH: 0 M S.P. INTERVAL: 26.07 M POP. INTERVAL: 0.001 M SHOTING RATE: 37.5 SHOTS/HR NO. OF GUNS: 19 INSTRUMENTS: L.P.S. 18 FORMAT: 360-D (1.250 SPT) FILTERS: 12 HZ, 375 HZ FILTER SLOPES: 12 HZ 12 DB/OCT RECORD LENGTH: 3 SECONDS GAIN: 10 POLARITY: COMPRESSION NEGATIVE CABLE: 3200 M STRAPER: 240 GROUP INTERVAL: 13.33 M LINE IN: 132 M CABLE DEPTH: 12 M AVERAGE ARRAY FORMED SPECIFICATIONS: FRAMES: 120 FRAME INTERVAL: 26.07 M FILTERS: 12 HZ, 180 HZ FILTER SLOPES: 8 HZ, 180 DB/OCT SAMPLE RATE: 2 MS. SCALES: HORIZONTAL: 2.50 IN/KILOMETER VERTICAL: 3.75 IN/SECOND KILOMETER	SAMPLING INTERVAL: 4 MS. FORMAT CONVERSION: INPUT: 120 CHANNELS SEC 2 ARRAY FORMED OUTPUT: 120 CHANNELS SEC 2 ARRAY FORMED STRETCH DECONVOLUTION: OPERATOR DESIGNED FROM AVERAGE OF RECORDED NEAR FIELD SIGNATURES. DECONVOLUTION: TYPE: LEAST SQUARES MINIMUM PHASE INVERSE FILTER 2 WINDOWS WINDOW #1: 100 OFFSET WINDOW #2: 100 OFFSET WINDOW #3: 100 OFFSET WINDOW #4: 100 OFFSET WINDOW #5: 100 OFFSET WINDOW #6: 100 OFFSET WINDOW #7: 100 OFFSET WINDOW #8: 100 OFFSET WINDOW #9: 100 OFFSET WINDOW #10: 100 OFFSET WINDOW #11: 100 OFFSET WINDOW #12: 100 OFFSET WINDOW #13: 100 OFFSET WINDOW #14: 100 OFFSET WINDOW #15: 100 OFFSET WINDOW #16: 100 OFFSET WINDOW #17: 100 OFFSET WINDOW #18: 100 OFFSET WINDOW #19: 100 OFFSET WINDOW #20: 100 OFFSET WINDOW #21: 100 OFFSET WINDOW #22: 100 OFFSET WINDOW #23: 100 OFFSET WINDOW #24: 100 OFFSET WINDOW #25: 100 OFFSET WINDOW #26: 100 OFFSET WINDOW #27: 100 OFFSET WINDOW #28: 100 OFFSET WINDOW #29: 100 OFFSET WINDOW #30: 100 OFFSET WINDOW #31: 100 OFFSET WINDOW #32: 100 OFFSET WINDOW #33: 100 OFFSET WINDOW #34: 100 OFFSET WINDOW #35: 100 OFFSET WINDOW #36: 100 OFFSET WINDOW #37: 100 OFFSET WINDOW #38: 100 OFFSET WINDOW #39: 100 OFFSET WINDOW #40: 100 OFFSET WINDOW #41: 100 OFFSET WINDOW #42: 100 OFFSET WINDOW #43: 100 OFFSET WINDOW #44: 100 OFFSET WINDOW #45: 100 OFFSET WINDOW #46: 100 OFFSET WINDOW #47: 100 OFFSET WINDOW #48: 100 OFFSET WINDOW #49: 100 OFFSET WINDOW #50: 100 OFFSET WINDOW #51: 100 OFFSET WINDOW #52: 100 OFFSET WINDOW #53: 100 OFFSET WINDOW #54: 100 OFFSET WINDOW #55: 100 OFFSET WINDOW #56: 100 OFFSET WINDOW #57: 100 OFFSET WINDOW #58: 100 OFFSET WINDOW #59: 100 OFFSET WINDOW #60: 100 OFFSET WINDOW #61: 100 OFFSET WINDOW #62: 100 OFFSET WINDOW #63: 100 OFFSET WINDOW #64: 100 OFFSET WINDOW #65: 100 OFFSET WINDOW #66: 100 OFFSET WINDOW #67: 100 OFFSET WINDOW #68: 100 OFFSET WINDOW #69: 100 OFFSET WINDOW #70: 100 OFFSET WINDOW #71: 100 OFFSET WINDOW #72: 100 OFFSET WINDOW #73: 100 OFFSET WINDOW #74: 100 OFFSET WINDOW #75: 100 OFFSET WINDOW #76: 100 OFFSET WINDOW #77: 100 OFFSET WINDOW #78: 100 OFFSET WINDOW #79: 100 OFFSET WINDOW #80: 100 OFFSET WINDOW #81: 100 OFFSET WINDOW #82: 100 OFFSET WINDOW #83: 100 OFFSET WINDOW #84: 100 OFFSET WINDOW #85: 100 OFFSET WINDOW #86: 100 OFFSET WINDOW #87: 100 OFFSET WINDOW #88: 100 OFFSET WINDOW #89: 100 OFFSET WINDOW #90: 100 OFFSET WINDOW #91: 100 OFFSET WINDOW #92: 100 OFFSET WINDOW #93: 100 OFFSET WINDOW #94: 100 OFFSET WINDOW #95: 100 OFFSET WINDOW #96: 100 OFFSET WINDOW #97: 100 OFFSET WINDOW #98: 100 OFFSET WINDOW #99: 100 OFFSET WINDOW #100: 100 OFFSET COMMON DEPTH POINT SORT M.R.F. MULTIPLE ATTENUATION FILTER VELOCITY ANALYSIS: 2 CORRELATION LINES EVERY TWO KILOMETER N.M.D. STACK 6000: N.M.D. CONNECTION RESIDUAL VELOCITY WORK: 0.5% OF STACK VELOCITIES RESTACK IF NECESSARY DECONVOLUTION: TYPE: LEAST SQUARES MINIMUM PHASE INVERSE FILTER 2 WINDOWS WINDOW #1: 100 OFFSET WINDOW #2: 100 OFFSET WINDOW #3: 100 OFFSET WINDOW #4: 100 OFFSET WINDOW #5: 100 OFFSET WINDOW #6: 100 OFFSET WINDOW #7: 100 OFFSET WINDOW #8: 100 OFFSET WINDOW #9: 100 OFFSET WINDOW #10: 100 OFFSET WINDOW #11: 100 OFFSET WINDOW #12: 100 OFFSET WINDOW #13: 100 OFFSET WINDOW #14: 100 OFFSET WINDOW #15: 100 OFFSET WINDOW #16: 100 OFFSET WINDOW #17: 100 OFFSET WINDOW #18: 100 OFFSET WINDOW #19: 100 OFFSET WINDOW #20: 100 OFFSET WINDOW #21: 100 OFFSET WINDOW #22: 100 OFFSET WINDOW #23: 100 OFFSET WINDOW #24: 100 OFFSET WINDOW #25: 100 OFFSET WINDOW #26: 100 OFFSET WINDOW #27: 100 OFFSET WINDOW #28: 100 OFFSET WINDOW #29: 100 OFFSET WINDOW #30: 100 OFFSET WINDOW #31: 100 OFFSET WINDOW #32: 100 OFFSET WINDOW #33: 100 OFFSET WINDOW #34: 100 OFFSET WINDOW #35: 100 OFFSET WINDOW #36: 100 OFFSET WINDOW #37: 100 OFFSET WINDOW #38: 100 OFFSET WINDOW #39: 100 OFFSET WINDOW #40: 100 OFFSET WINDOW #41: 100 OFFSET WINDOW #42: 100 OFFSET WINDOW #43: 100 OFFSET WINDOW #44: 100 OFFSET WINDOW #45: 100 OFFSET WINDOW #46: 100 OFFSET WINDOW #47: 100 OFFSET WINDOW #48: 100 OFFSET WINDOW #49: 100 OFFSET WINDOW #50: 100 OFFSET WINDOW #51: 100 OFFSET WINDOW #52: 100 OFFSET WINDOW #53: 100 OFFSET WINDOW #54: 100 OFFSET WINDOW #55: 100 OFFSET WINDOW #56: 100 OFFSET WINDOW #57: 100 OFFSET WINDOW #58: 100 OFFSET WINDOW #59: 100 OFFSET WINDOW #60: 100 OFFSET WINDOW #61: 100 OFFSET WINDOW #62: 100 OFFSET WINDOW #63: 100 OFFSET WINDOW #64: 100 OFFSET WINDOW #65: 100 OFFSET WINDOW #66: 100 OFFSET WINDOW #67: 100 OFFSET WINDOW #68: 100 OFFSET WINDOW #69: 100 OFFSET WINDOW #70: 100 OFFSET WINDOW #71: 100 OFFSET WINDOW #72: 100 OFFSET WINDOW #73: 100 OFFSET WINDOW #74: 100 OFFSET WINDOW #75: 100 OFFSET WINDOW #76: 100 OFFSET WINDOW #77: 100 OFFSET WINDOW #78: 100 OFFSET WINDOW #79: 100 OFFSET WINDOW #80: 100 OFFSET WINDOW #81: 100 OFFSET WINDOW #82: 100 OFFSET WINDOW #83: 100 OFFSET WINDOW #84: 100 OFFSET WINDOW #85: 100 OFFSET WINDOW #86: 100 OFFSET WINDOW #87: 100 OFFSET WINDOW #88: 100 OFFSET WINDOW #89: 100 OFFSET WINDOW #90: 100 OFFSET WINDOW #91: 100 OFFSET WINDOW #92: 100 OFFSET WINDOW #93: 100 OFFSET WINDOW #94: 100 OFFSET WINDOW #95: 100 OFFSET WINDOW #96: 100 OFFSET WINDOW #97: 100 OFFSET WINDOW #98: 100 OFFSET WINDOW #99: 100 OFFSET WINDOW #100: 100 OFFSET BANDPASS FILTER: 10-90 HZ. MIGRATION: FINITE DIFFERENCE RMS GAIN: WINDOW LENGTH: 64 MS.- 1024 MS. FINAL FILTER: SLOPE: 12 DB/OCTAVE TIME OF APPLICATION: 10 90 0000-5000 MS. PLAYBACK: SCALE: 111.768 HORIZONTAL: 30 IN/IN VERTICAL: 3.75 IN/SECOND GEOPHYSICAL GAIN: 18 DB SAMPLE RATE: 4 MS.

LEGEND  
 INTERSECTIONS  
 WATER DEPTH  
 VELOCITY ANALYSIS

COMMENTS  
 DATUM PLANE : SEA LEVEL  
 CONNECTION APPLIED ON FINAL DISPLAY  
 GUN CORRECTION : 0.000 MS.  
 CABLE CORRECTION : 0.000 MS.  
 TOTAL CORRECTION : 0.000 MS.  
 DISPLAY POLARITY  
 NEGATIVE NUMBER ON TRACE  
 REPRESENTED BY A TROUGH

LINE LOCATION MAP  
 19P 20 19P 30 19P 40  
 14W 30 14W 40 14W 50 14W 60  
 ALL LINES ARE PREFIXED AS BB85-NO