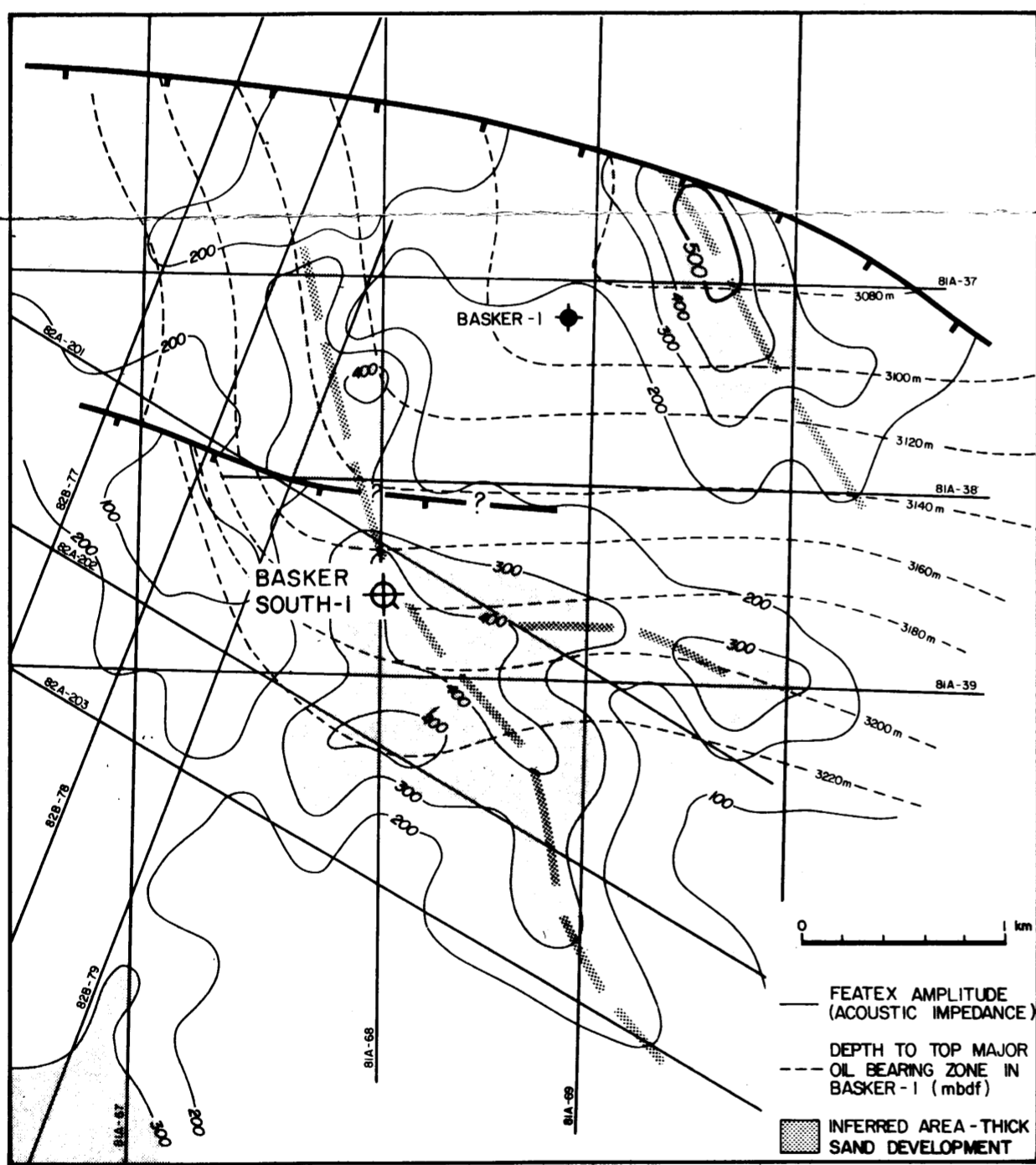


MIGRATED SEISMIC LINE GS81A-68

← LEVEL OF MAIN HYDROCARBON BEARING SECTION - BASKER-1



ACOUSTIC IMPEDANCE FEATEX AMPLITUDE (TAPE UNITS)

SUMMARY

**LOCATION** : Basker South-1 was drilled 1.6km SW of Basker-1 at SP 5106 on seismic line GS81A-68.

**OBJECTIVES** : Basker South-1 was drilled to test the hypothesis that variations in the amplitude and width of the seismic loop which covered the oil sand in Basker-1 represented variations in the sand thickness. Basker South-1 was drilled on an area of high featex amplitude, thought to correspond to a thick sand development.

**RESULTS** : Spotty fluorescence was reported from some sandstones below 2930m and significant gas readings were recorded below 2918m. None of the shows were as good as those seen in the production tested intervals in Basker-1, and an RFT in one of the sands with an  $S_h$  of 24% recovered only filtrate and some gas. No correlation of individual beds can be made between Basker South-1 and Basker-1. The variation in amplitude of the black loop at the oil sand level in Basker-1 does not appear to correspond to any variation in thickness of the sandstone.

SHELL - AUSTRALIA E. & P. OIL AND GAS.

GIPPSLAND BASIN VIC/PI9  
**BASKER SOUTH-1**

WELL SUMMARY SHEET

CO-ORDS: LAT 38°19'4" S ELEVATION DF 25 m  
LONG. 148°41'21.56" E WATER DEPTH 239 m  
PERMIT No. VIC P/19 TOTAL DEPTH 3420 m  
STATE VICTORIA RIG FORAMER NYMPHEA  
PARTNERSHIPS SHELL(40%) SPUDED 23/11/83  
TNT(20%) MINICORP(5%) COMPLETED  
NEWS(20%) CRUSADER(15%) TYPE COMP P & A

DEPTH BDF METRES	TIME STRATIGRAPHY	ENVIRON	CASING CORES SWS	LITHOLOGY & INDICATIONS	ROCK STRATIGRAPHY REGE CODES	SEIS. MKR.	LOGS
0-0				SEA LEVEL 25 m			
				SEA FLOOR 264 m			
1000			30" 311 m				
500							
2000			20" 700 m				
3000	PLIOCENE				GIPPSLAND LIMESTONE		
1000	TO						
4000	MIOCENE			ge, foss Mr			
1500	TERTIARY						
5000							
6000							
2000							
7000	E. EOCENE		9 5/8" 2246 m	St, calc, gc.	2067 m LAKES ENTRANCE FORMATION 2210 m 2278 m FLOUNDER FM.		
8000	PALEOCENE			Ss m-c, srt			
2500	MAASTRICHT.				2534 m		
9000					2724 m		
3000	CRETACEOUS						
10000	CAMPANIAN			Ms & St, carb. Ss f-m, dm cmt	2975 m		
				3160m approx. correlation Basker-1 oil RFT sand level.			
11000					3294 m		
3500					3363 m		
12000							
4000				RFT at 3231m rec 21 litres filtrate & 0.9 cu. ft. gas 9.5 litres filtrate & 0.7 cu. ft. gas			
13000							
14000							
4500							
15000							

DEPT. NAT. RES & ENV  
PE902511

Basker South-1. W.C.R. SDA 582