Pelican 3

Pelican 3 was not reviewed.

Pelican 4

3 FIT's and 3 RFT's were run. By reference to Schlumberger chart FT-1 and by examination of pressure, in conjunction with logs, the following conclusions are drawn:

Interval(m)	Conclusion
2733-2742	Medium k (up to 20 md), rich gas

All other intervals tested appear to be wet or very tight.

Pelican 5

A suite of RFT pressures was collected from Pelican 5. The log of the readings was examined and the final pressures recorded by Amoco in its DST memorandum were checked and agreement was achieved.

The pressures were plotted against depth. Above 2623m a gradient of 0.434 psi per foot is clearly evident. No significant gas columns could be identified above 2623 metres. Below 2623m the picture becomes more confused. There is strong evidence of over pressuring below 2700m of approximately 300 psi with respect to the section above 2623m. Furthermore, the local water gradient cannot be accurately calculated. DST #6 (2786-2790m) has been interpreted by Amoco, Halliburton and SAGASCO Resources, the derived reservoir pressure being 4213 psia, 4072 psia and 4084 psia respectively. 5 RFT pressures, varying from 4156 psia to 4224 psia, were recorded over this zone. Furthermore, as a local water gradient cannot be reasonably extrapolated or guessed, no estimate of gas column height can be made. DST #6 was analysed to confirm the kh and skin value derived by Amoco (kh = 68md-ft, S = 3.1) and Halliburton (kh = 89md-ft, assuming 13' pay, S = 5.6). The semilog analysis gave a kh of 72md-ft and a skin of 5.3. A flow efficiency of 0.64 was determined using the semilog analysis of PANGAS. That is, a flow of about 8.5 MMCFD would have occurred on the DST if no skin was present. It should be noted that these are transient rates only.

Given that the in-house analysis of DST #6 gave very similar results to Amoco's and Halliburton's analyses, it was decided not to analyse the only other interpretable test, DST #4. Amoco and Halliburton concluded that the k in the tested interval was less than 0.1 md.

All other tests indicate the absence of pay.