



# GAS RATIOS LOG

## WELL : FUR SEAL 1



FROM (m): 777

TO (m): 2575

SCALE: 1/ 500

### GENERAL DATA

Client : APACHE ENERGY  
Country : AUSTRALIA  
Permit : VIC/P-54  
Field : GIPPSLAND  
Well Type : EXPLORATION  
Rig Name : OCEAN PATRIOT

### LOCATION DATA

Latitude : 38 07 47.91 S  
Longitude : 148 09 08.44E  
  
RT-AHD (m): 21.5  
Water Depth (m): 56.62

### CASING

762 mm Shoe (m): 111.0 m  
340 mm Shoe (m): 817.6 m

### FINAL WELL DATA

MD- Drillers depth (m): 2610m  
TVD- Subsea AHD (m): 2609.7 m  
Date Well Spudded : 24-10-05  
Date TD Reached : 01-11-05  
Status : P & A

### GAS RATIOS FORMULAE

GAS WETNESS RATIO (Wh)

$$GWR = (C2 + C3 + C4 + C5) / (C1 + C2 + C3 + C4 + C5) * 100$$

LIGHT TO HEAVY RATIO (Bh)

$$LHR = (C1 + C2) / (C3 + C4 + C5)$$

OIL CHARACTER QUALIFIER (Ch)

$$OCQ = (C4 + C5) / (C3)$$

### LITHOLOGY LEGEND

	Limestone		Conglomerate		Mica
	Coal		Dolomite		Ferrous
	Claystone		Carb. Siltstone		Chert
	Calcilutite		Calc. Siltstone		Calcareous
	Med Sandstone		Pyrite		Dolomitic
	Coarse Sandston		Siderite		Carbonaceous
	Fine Sandstone		Glauconite		Lithoclast
	VF Sandstone		Feldspar		Breccia

1 unit = 200 ppm methane equivalent in air

### GEOSERVICES CREW

#### ALS ENGINEERS

D.ADDERLEY  
P.McGILVERAY  
A.DUNN

#### MUDLOGGERS

































