Santos

SANTOS LIMITED

WELL EVALUATION SUMMARY: 2006-195

Interpreter: S Looi

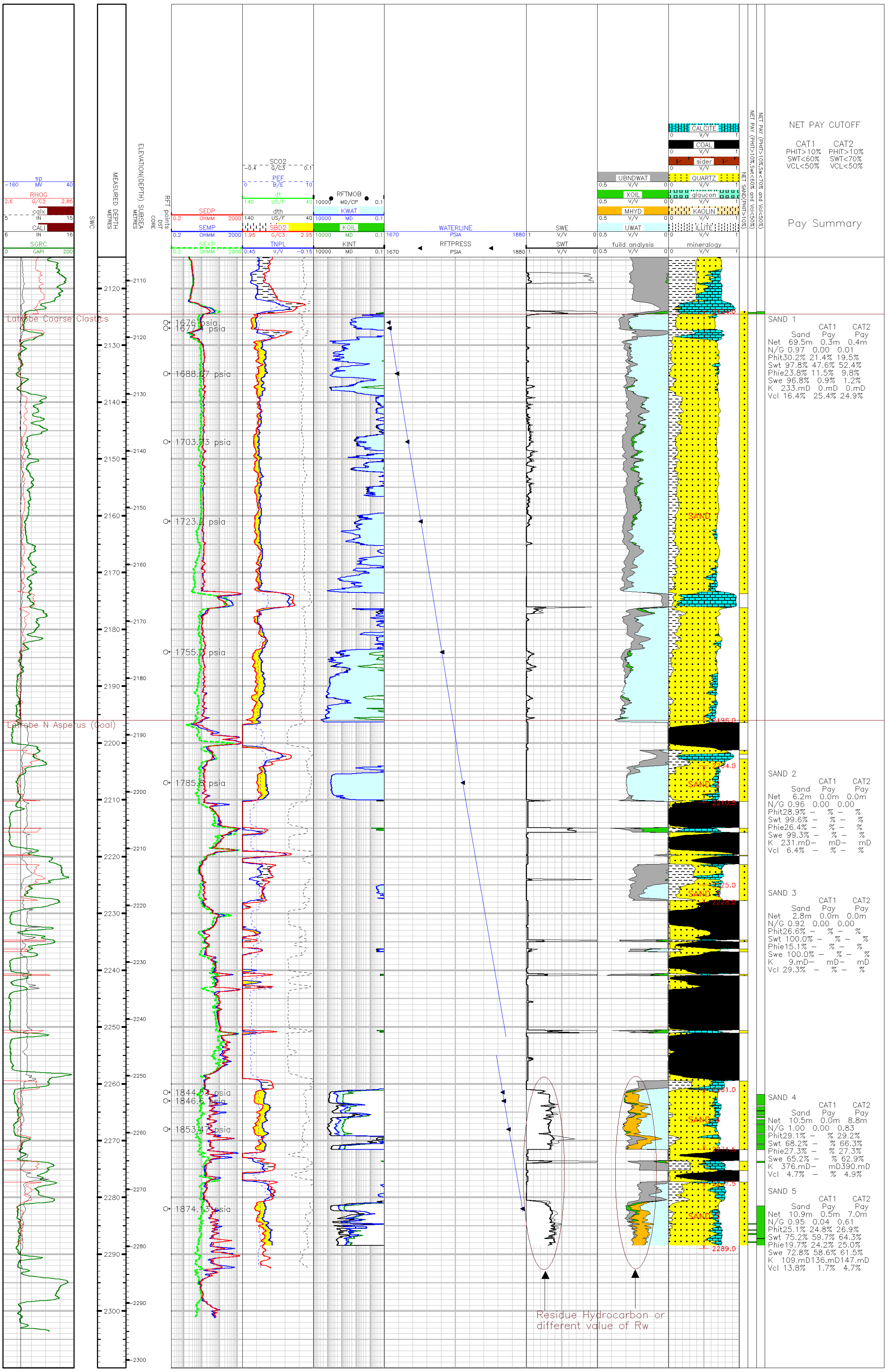
Date: 05-Sep-2006 Time: 15:20:29

Bit Size: 8.5 in.
Mud Type: KCL POLYMER
Mud weight: 10.43 lb/gal
Rm: 0.13 80.6F
Rmf: 0.1 78.1F
Rmc: 0.27 78.1F
Bottom hole temperature: 163.4F
Vertical Scale: 1/500

# GALLOWAY_1
# LOG ANALYSIS

Rw=2.5 ohmm 75DegF.(2067ppm) calculated using Pickett Plot.
a=1, m=2, n=2.0, using Dual Water Saturation Equation.
Permeability Calculated using Coates Free Fluid Mehtod.

KB/RT :8.58 METRES




NET PAY CUTOFF

| | CAT1 | CAT2 |
|---|---|---|
| PHIT | >10% | >10% |
| SWT | <60% | <70% |
| VCL | <50% | <50% |

Pay Summary

SAND 1

| | Sand | CAT1 Pay | CAT2 Pay |
|---|---|---|---|
| Net | 69.5m | 0.3m | 0.4m |
| N/G | 0.97 | 0.00 | 0.01 |
| Phit | 30.2% | 21.4% | 19.5% |
| Swt | 97.8% | 47.6% | 52.4% |
| Phie | 23.8% | 11.5% | 9.8% |
| Swe | 96.8% | 0.9% | 1.2% |
| K | 233.mD | 0.mD | 0.mD |
| Vcl | 16.4% | 25.4% | 24.9% |

SAND 2

| | Sand | CAT1 Pay | CAT2 Pay |
|---|---|---|---|
| Net | 6.2m | 0.0m | 0.0m |
| N/G | 0.96 | 0.00 | 0.00 |
| Phit | 28.9% | - % | - % |
| Swt | 99.6% | - % | - % |
| Phie | 26.4% | - % | - % |
| Swe | 99.3% | - % | - % |
| K | 231.mD | - mD | - mD |
| Vcl | 6.4% | - % | - % |

SAND 3

| | Sand | CAT1 Pay | CAT2 Pay |
|---|---|---|---|
| Net | 2.8m | 0.0m | 0.0m |
| N/G | 0.92 | 0.00 | 0.00 |
| Phit | 26.6% | - % | - % |
| Swt | 100.0% | - % | - % |
| Phie | 15.1% | - % | - % |
| Swe | 100.0% | - % | - % |
| K | 9.mD | - mD | - mD |
| Vcl | 29.3% | - % | - % |

SAND 4

| | Sand | CAT1 Pay | CAT2 Pay |
|---|---|---|---|
| Net | 10.5m | 0.0m | 8.8m |
| N/G | 1.00 | 0.00 | 0.83 |
| Phit | 29.1% | - % | 29.2% |
| Swt | 68.2% | - % | 66.3% |
| Phie | 27.3% | - % | 27.3% |
| Swe | 65.2% | - % | 62.9% |
| K | 376.mD | - mD | 390.mD |
| Vcl | 4.7% | - % | 4.9% |

SAND 5

| | Sand | CAT1 Pay | CAT2 Pay |
|---|---|---|---|
| Net | 10.9m | 0.5m | 7.0m |
| N/G | 0.95 | 0.04 | 0.61 |
| Phit | 25.1% | 24.8% | 26.9% |
| Swt | 75.2% | 59.7% | 64.3% |
| Phie | 19.7% | 24.2% | 25.0% |
| Swe | 72.8% | 58.6% | 61.5% |
| K | 109.mD | 136.mD | 147.mD |
| Vcl | 13.8% | 1.7% | 4.7% |