Operator: Santos Limited
Well: Kipper-1
Basin: Gippsland
Permit: VIC/P-44
Rig: Ocean Patriot
Elevation: 25.0 m RT
Water Depth: 70.0 m
Spud Date: 19-Jan-1987
Completion Date: 19-Feb-1987
Status: Plugged and Abandoned
Drilling Fluid: Seawater/Gel
Logging Unit: Schlumberger
Logged Interval: 1,000.0 m to 2,400.0 m
Total Depth: 2,400.0 m

Kipper-1 was drilled by the Ocean Patriot semi-submersible rig in 70 m of water in the Gippsland Basin. The well reached a total depth of 2,400 m and encountered gas in the Latrobe Group sandstones. It was plugged and abandoned as a gas discovery. Reservoir quality was generally good with porosities averaging 22% and permeabilities up to several hundred millidarcies.

Contents

Mudlog Interpretation 1
Wireline Log Interpretation 2

Mudlog Interpretation
Kipper-1 Mudlog
Ocean Patriot Semi-Sub Rig
Gippsland Basin, Offshore Victoria

Log Variables

Database=D:\Patriot\Data\Apatosa Energy Resources,LLC_McConnell 21-23 #4479_Data\

SZCOR	MPORSEL	FLUIDDEN	MATRIXDEN	SPSHIFT	SNDENSM	SNDENS
On	Limestone	1	2.71	22	0	0

CASEOU	PERFS	DEPTH	BOTTEMP	BOREID
8.5	0	8	degF	8.25

Log Actions

Database=D:\Patriot\Data\Apatosa Energy Resources,LLC_McConnell 21-23 #4479_Data\

Calibration Report

Database File: C:\Patriot\Data\Apatosa Energy Resources,LLC_McConnell 21-23 #4479_05\1213\20_20141
Database Pathname: jwood
Database Creation: Fri Oct 10 01:29:15 2014 by Log Open Caved 110302

Dual Inductive Calibration Report

Serial Model: 1010-710
Surface Cal Performed:

Readings			References			Results	
Loop:	Air	Loop	Air	Loop		in	h
Deep	0.000	1.000	0.000	1.000	mmhos	0.000	19.999
Medium	0.000	1.000	0.000	1.000	mmhos	0.460	27.000

Compensated Density Calibration Report

Serial Model: 771-710
Master Calibration Performed: Wed Aug 20 14:19:31 2014

Master Calibration

Density		Far Detector	Near Detector
Magnesium	1.702 gm/cc	4322.60	4837.33 cps
Aluminum	2.690 gm/cc	1148.13	5405.46 cps

Size	Reading
Small Ring	in
Medium Ring	in
Large Ring	in

Compensated Neutron Calibration Report

Serial Number: 853
Tool Model: 710

CALIBRATION

Detector	Readings		Target		Normalization	
Short Space	1.00	cps	1.00	cps	1.9000	
Long Space	1.00	cps	1.00	cps	1.9000	

PRE SURVEY VERIFICATION

	Detector	Readings	Measured	Target	
1)	Short Space	cps			
	Long Space	cps	pu	pu	
2)	Short Space	cps			
	Long Space	cps	pu		
3)	Short Space	cps			
	Long Space	cps	pu		

POST SURVEY VERIFICATION

	Detector	Readings	Measured	Target	
1)	Short Space	cps			
	Long Space	cps	pu	pu	
2)	Short Space	cps			
	Long Space	cps	pu	pu	
3)	Short Space	cps			
	Long Space	cps	pu	pu	

Gamma Ray Calibration Report

Serial Number:	43
Tool Model:	710
Performed:	Tue Oct 18 17:42:01 2011
Calibrator Value:	275.5
Background Reading:	32.2 cps
Calibrator Reading:	340.0 cps
Sensitivity	0.6000 GAPI/cps