

**DAILY GEOLOGICAL REPORT**DATE: 04 Dec 2011
REPORT NO.: 16
(associated DDR # 16)**WELL: Surprise 1**

RIG	Hunt Rig #3	RIG TYPE	Land
COMPLETION TYPE		TARGET	Stairway Sandstone, Pacoota Sandstone
Depth at Midnight (MD)	2,732.0 m	SPUD DATE	
DAYS SINCE SPUD	0.00 (Days on well: 15.29)	LAST CASING	9.625 in @ 1,450.00 m MD
PRESENT DEPTH MD	2,732.0 m	BACKGROUND GAS	Unit
24 Hr Progress	0.00	MAX GAS	Unit
AVERAGE ROP	m/h	ECD	
Operations Status @ 0600hrs	RIH to conduct wiper trip.	ESTIMATED PORE PRESSURE	
PROGNOSSED TD	2,732.0m MD TVD		

Well Details

Latitude:	23.00° 42.00" 50.76' South	UTM(N/S):	7377073N m N	RT - MSL:	3.66 m RT GL
Longitude:	129.00° 59.00" 36.09' East	UTM(E/W):	601261E m E	GL Elevation:	545.0 m

Operations Summary and General Remarks

OPERATION SUMMARY:	Wireline Log Suite#1 Run #1: Super combo: Spectral GR/Den/NeutronP/SP/PEF/Caliper/DLL/MSFL. TTS 1200hrs. RU Run#2 : FMI/Dipole Sonic/ECS & RIH at 1640 hrs. Start main pass at 20:40 hrs.
LITHOLOGY SUMMARY:	
HYDROCARBON SHOWS:	
NEXT OPERATION:	Complete wireline run #2. POOH. Rig down. Commence wiper trip.

Prognosis and Preliminary Correlation

Top	Actual Depth (3.66 m RT GL)			Prognosis	H/L	Pick Criteria	Remarks
	MD	TVD	TVD(GL)	MD			
Undiff Pertinjarra	778.46	778.46	774.80	758.46	20.0 L		
Parkes	1,294.46	1,294.46	1,290.80	1,302.46	8.0 H	Lith	Lithology change
Mereenie Fm	1,766.46	1,766.46	1,762.80	1,782.46	16.0 H	ROP	ROP and Lithology Change
Stokes	2,280.46	2,280.46	2,276.80	2,449.46	169.0 H	Lith	Lithology Change
Stairway FM	2,448.46	2,448.46	2,444.80	2,579.46	131.0 H	Lith	Lithology Change
Horn Valley Siltstone	2,565.00	2,565.00	2,561.34	2,654.46	89.5 H	Lith	Lithology Change
Pacoota Sst	2,613.00	2,613.00	2,609.34	2,692.46	79.5 H	Lith	Clean water wet P1

Wireline Suite

Suite #:	Super Combo	Witness:	Aaron Heugh
Hole Depth (MD):	2,732.0 m	Engineer #1:	Nicola Barbieri
Shoe Depth (MD):	m	Engineer #2:	Piko Satriadanda
		Max Deviation Depth:	m
Objectives:			



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Wireline Run

Run #:	2	Mud Source:		Log Top / Bottom Depth:	2,729.0 m / m
Witness:	Aaron Heugh/Kevin Rogers	Hole Size:	8.50 in	Actual Hydrostatic Over Balance:	kPa
Conveyance:	Electric Line	Service Company:	SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	Expected Hydrostatic Over Balance:	kPa

Time Summary		Mud Resistivity Summary			Thermometer Summary		
Description	Date/Time	Description	(ohm m)	Temperature	Description	Depth	Temperature
Start Of Run:	04 Dec 2011 16:40	RM:		°C	Thermometer 1:	m	°C
End Of Run:	05 Dec 2011 02:30	RMF:		°C	Thermometer 2:	m	°C
Bit Reached TD:	30 Nov 2011 14:15	RMC:		°C	Thermometer 3:	m	°C
Tool Left Max. Depth:	04 Dec 2011 20:40						
Stop Circ.:							

Tool String: FMI/ECS/Dipole Sonic

Temperature Buildup Comment:

Log Quality Remarks:

Run Summary:

Well Geologist

Aaron Heugh/Kevin Rogers