

**DAILY GEOLOGICAL REPORT**DATE: 12 Dec 2011
REPORT NO.: 24
(associated DDR # 24)**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: 23.29)	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 m	MAX GAS	Unit
AVERAGE ROP	m/h	ECD	
Operations Status @ 0600hrs	POOH lay out DP singles	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:	Rig up tools Run#4 Checkshot & RIH to 150m. Telemetry/cxn failure - pull tool, repair, RIH, fire checkshot/calibrate. Run to btm. Start checkshots at 2720m Complete Run#4 41 levels at 1220 hrs. TTS, breakdown & laydown for tpt. RIH wiper trip. CBU. POOH
LITHOLOGY SUMMARY:	No new formation drilled
HYDROCARBON SHOWS:	Gas cut mud, gas breakout and traces med brown oil seen at shakers on circulating out hole
NEXT OPERATION:	POOH to run 7" csg

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	1,760.00	1,760.00	1,756.34	1,782.46	22.5 H	ROP	ROP and Lithology Change
Stokes	2,275.00	2,275.00	2,271.34	2,449.46	174.5 H	E-log	Lithology Change
Stairway FM	2,447.00	2,447.00	2,443.34	2,579.46	132.5 H	E-log	Lithology Change
Horn Valley Siltstone	2,561.00	2,561.00	2,557.34	2,654.46	93.5 H	E-log	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 #:	1	Witness:	Aaron Heugh/Kevin Rogers
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:	flowline	Log Top / Bottom Depth:	100.0 m /
Witness:	L Cullen/ K Rogers	Hole Size:	8.50 in		2,720.0 m
Conveyance:	Electric Line	Service Company:	Schlumberger Wireline	Actual Hydrostatic Over Balance:	kPa
				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:	12 Dec 2011 01:15	RM:		°C	Thermometer 1:	m	°C
End Of Run:	12 Dec 2011 13:30	RMF:		°C	Thermometer 2:	m	°C
Bit Reached TD:		RMC:		°C	Thermometer 3:	m	°C
Tool Left Max. Depth:	12 Dec 2011 06:40						
Stop Circ.:	11 Dec 2011 16:30						

Tool String:	VSI-GR
Temperature Buildup Comment:	
Log Quality Remarks:	good
Run Summary:	shot 41 levels, 2 hrs equipment problems

Well Geologist

Kevin Rogers/ Lindsay Cullen