

**DAILY GEOLOGICAL REPORT**DATE: 18 Dec 2011  
REPORT NO.: 30  
( associated DDR # 30 )**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	19 Nov 2011
DAYS SINCE SPUD	29.29 ( Days on well: 29.29)	LAST CASING	7.000 in @ 2,730.00 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	pull out for more drill collars	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:	work on choke manifold. Test MWD tools, pick up whipstock and run in hole
LITHOLOGY SUMMARY:	no new lith
HYDROCARBON SHOWS:	
NEXT OPERATION:	pull out and pick up extra BHA. Run in and set whipstock, mill window

**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

**Well Geologist**

Lindsay Cullen