

**DAILY GEOLOGICAL REPORT**DATE: 30 Nov 2011  
REPORT NO.: 12  
( associated DDR # 12 )**WELL: Surprise 1**

RIG	Hunt Rig #3	RIG TYPE	Land
COMPLETION TYPE		TARGET	Stairway Sandstone, Pacoota Sandstone
Depth at Midnight (MD)	2,750.0 m	SPUD DATE	
DAYS SINCE SPUD	0.00 ( Days on well: 11.29)	LAST CASING	9.625 in @ 1,450.00 m MD
PRESENT DEPTH MD	2,731.5 m	BACKGROUND GAS	4.00 Unit @ 2,725.0 m
24 Hr Progress	27.00 m	MAX GAS	11.00 Unit @ 2,704.0 m
AVERAGE ROP	m/h	ECD	
Operations Status @ 0600hrs	Drilling ahead thru lower P1 sand unit	ESTIMATED PORE PRESSURE	
PROGNOSSED TD	2,750.0m 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:	Drill thru Pacoota P1 sands to 2750m
LITHOLOGY SUMMARY:	
HYDROCARBON SHOWS:	No shows in Pacoota P1 or P1-280 sands
NEXT OPERATION:	Run E-log suite to identify/evaluate HC zones

**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	2,583.00	2,583.00	2,579.34	2,654.46	71.5 H	Lith	Lithology Change
Pacoota Sst	2,631.00	2,631.00	2,627.34	2,692.46	61.5 H	Lith	Clean water wet P1

**Well Geologist**

Aaron Heugh/Kevin Rogers