

# **Anzon Australia Ltd.**

**Basker**

**Basker**

**Basker #4**

**Revision #4**

**Survey: 12-1/4" MWD**

## **Standard Survey Report**

**15 May, 2006**

# Halliburton Company

## Survey Report

<b>Company:</b>	Anzon Australia Ltd.	<b>Local Co-ordinate Reference:</b>	Well Basker #4
<b>Project:</b>	Basker	<b>TVD Reference:</b>	New RT @ 21.50m (Ocean Patriot)
<b>Site:</b>	Basker	<b>MD Reference:</b>	New RT @ 21.50m (Ocean Patriot)
<b>Well:</b>	Basker #4	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Revision #4	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Revision #4	<b>Database:</b>	EDM 2003.11 Single User Db

<b>Project</b>	Basker		
<b>Map System:</b>	Universal Transverse Mercator	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	GDA94		
<b>Map Zone:</b>	Zone 55S (144 E to 150 E)		

<b>Site</b>	Basker				
<b>Site Position:</b>		<b>Northing:</b>	57,595,520.00 m	<b>Latitude:</b>	428° 30' 20.048" N
<b>From:</b>	Map	<b>Easting:</b>	649,256.80 m	<b>Longitude:</b>	150° 39' 06.918" E
<b>Position Uncertainty:</b>	0.00 m	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	3.40 °

<b>Well</b>	Basker #4					
<b>Well Position</b>	<b>+N-S</b>	0.00 m	<b>Northing:</b>	5,759,555.90 m	<b>Latitude:</b>	38° 17' 58.866" S
	<b>+E/-W</b>	0.00 m	<b>Easting:</b>	649,223.60 m	<b>Longitude:</b>	148° 42' 23.567" E
<b>Position Uncertainty</b>		0.00 m	<b>Wellhead Elevation:</b>	m	<b>Water Depth:</b>	155.50 m

<b>Wellbore</b>	Revision #4				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	BGGM2005	22/02/2006	13.38	-68.73	59,909

<b>Design</b>	Revision #4				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	
<b>Vertical Section:</b>	<b>Depth From (TVD) (m)</b>	<b>+N/-S (m)</b>	<b>+E/-W (m)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	265.11	

<b>Survey Program</b>	<b>Date</b>	15/05/2006			
<b>From (m)</b>	<b>To (m)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
175.10	970.51	17½" MWD (Revision #4)	MWD		
1,006.03	3,241.95	12-1/4" MWD (Revision #4)	MWD		

<b>Survey</b>										
<b>Measured Depth (m)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (m)</b>	<b>+N/-S (m)</b>	<b>+E/-W (m)</b>	<b>Vertical Section (m)</b>	<b>Dogleg Rate (°/30m)</b>	<b>Build Rate (°/30m)</b>	<b>Turn Rate (°/30m)</b>	
2,813.43	20.73	265.54	2,647.37	-61.26	-815.80	818.05	0.000	0.00	0.00	
2,841.68	20.35	264.62	2,673.83	-62.11	-825.68	827.97	0.529	-0.40	-0.98	
2,869.89	19.14	264.86	2,700.38	-62.98	-835.17	837.49	1.290	-1.29	0.26	
2,898.59	18.93	265.94	2,727.51	-63.73	-844.50	846.85	0.429	-0.22	1.13	
2,927.63	17.73	265.97	2,755.07	-64.38	-853.61	855.99	1.240	-1.24	0.03	
2,956.77	16.24	266.55	2,782.94	-64.93	-862.10	864.50	1.544	-1.53	0.60	
2,984.81	15.17	265.41	2,809.93	-65.46	-869.67	872.09	1.191	-1.14	-1.22	
3,013.54	13.08	266.70	2,837.79	-65.95	-876.66	879.10	2.207	-2.18	1.35	
3,042.49	11.59	267.59	2,866.08	-66.26	-882.84	885.28	1.557	-1.54	0.92	
3,070.24	10.14	268.21	2,893.33	-66.45	-888.07	890.50	1.573	-1.57	0.67	
3,099.47	8.90	269.44	2,922.15	-66.56	-892.90	895.32	1.290	-1.27	1.26	
3,126.92	7.62	272.84	2,949.32	-66.49	-896.84	899.24	1.497	-1.40	3.72	

# Halliburton Company

## Survey Report

<b>Company:</b> Anzon Australia Ltd.	<b>Local Co-ordinate Reference:</b> Well Basker #4
<b>Project:</b> Basker	<b>TVD Reference:</b> New RT @ 21.50m (Ocean Patriot)
<b>Site:</b> Basker	<b>MD Reference:</b> New RT @ 21.50m (Ocean Patriot)
<b>Well:</b> Basker #4	<b>North Reference:</b> Grid
<b>Wellbore:</b> Revision #4	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Design:</b> Revision #4	<b>Database:</b> EDM 2003.11 Single User Db

Survey									
Measured Depth (m)	Inclination (°)	Azimuth (°)	Vertical Depth (m)	+N/-S (m)	+E/-W (m)	Vertical Section (m)	Dogleg Rate (°/30m)	Build Rate (°/30m)	Turn Rate (°/30m)
3,154.38	6.95	271.52	2,976.56	-66.35	-900.32	902.70	0.754	-0.73	-1.44
3,184.68	6.18	274.43	3,006.66	-66.18	-903.78	906.13	0.830	-0.76	2.88
3,212.14	5.61	271.92	3,033.97	-66.02	-906.59	908.92	0.683	-0.62	-2.74
3,241.95	5.14	272.66	3,063.65	-65.91	-909.38	911.69	0.478	-0.47	0.74

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (m)	+N/-S m	+E/-W m	Northing (m)	Easting (m)	Latitude	Longitude
Top Zone 2 Reservo	0.00	0.00	3,086.00	-83.90	-981.60	5,759,472.00	648,242.00	38° 18' 02.173" S	148° 41' 43.234" E
- hit/miss target									
- Shape									
- survey misses by 77.71m at 3241.95m MD (3063.65 TVD, -65.91 N, -909.38 E)									
- Rectangle (sides W100.00 H50.00 D0.00)									

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------