

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 1 **DFS:** 1 **DATE :** 30 Mar 2004
2400 DEPTH : 18m **LAST DEPTH :** **24 HR**
TOTAL FUEL : **FUEL USAGE :** **PROGRESS :** **PTD :**
0600 OPS : Drillin 17-1/2 inch hole at 100 m
Next 24 hr OPS: Drill to casing point then run 13-3/8 in casing
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	1		Drilling	1.50	Density	Spud mud	S.G.
Size (mm)	445		Tripping		Viscosity		Sec
Make	Security		Surveys		Water Loss		Cc
Type	XIT SC		Rigged up	22.50	pH		Strip
IADC Code	1.1.5		Testing/tools		Filter Cake		32 nd
Serial Number	10406132		Circulate Sample		PV / YP		Cp/lb/100'
Nozzles (32)	16-18-18-18		Casing		Gels		S/m
Depth in (m)	15		Cementing		Sand		% Vol
Depth out (m)	S.I.H		Surveys		Solids		% Vol
Total Metres			Circulate & Condition		Oil		% Vol
Hours	1.5 so far		Rig Service/slip & cut		K+		Mg/l
WOB (kg)	1000		Rig down bop		Chlorides		Mg/l
RPM	60		Drill out Cmt		PHPA		
Condition			Breakdown kelly		ALC - 50		
Impact Force			Wait On Cement		Daily Cost	\$	
Jet Velocity			Test BOPs		Cum Cost	\$	

B.H.A.:	Bit- bit sub- 2 x 8" drill collars- 445mm stabilizer-crossover sub
----------------	--

HOURLY OPERATIONS SUMMARY (0000 – 2400)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	1300	Continued to rig up	° at	m	AMC PAC-R	
1300	1900	Drilled and installed the rathole and mosehole	° at	m	Sodium Sulphite	
1900	2130	Prepared the bottom hole assembly	° at	m	Wildcat 420	
2130	2230	Held pre –spud meeting and rig inspection audit	° at	m	Drillzan	
2230		Commenced drilling 17-1/2 inch hole from 15m	° at	m	KCl Tech	
	2400	and drilled to 18	° at	m	PHPA/Soda Ash	
			° at	m	Caustic Soda	
Dyers	700718	Water haulage				
Dyers	700783	Water haulage				
Dyers	700608	Water haulage				
Dyers	700660	Water haulage				
Stotise	297158	Drilling mud				
Stotise	263879	Drilling mud				
Dyers	698940	Drill bits from Varel in West Aust				
	1	Rig inspection				
	2	Pre spud meeting				
Days since	LTA 440					

PUMP 1			PUMP 2		
Liner	140	mm	Liner	140	mm
Pressure		kPa	Pressure		KPa
A.V. DP		m/min	A.V. DP		m/min
A.V. DC		m/min	A.V. DC		m/min
SPM	55		SPM		
LPM	1166		LPM		

CEMENT DATA		LAST CASING	
Sacks		Size	508 mm
Class		Weight	Kg/m
%		Grade	
%		Connection	
%		Joints	1
%		Length	15m RKB m
Av. Wt		Shoe	m

LAKES OIL Ltd

WELL :	WOMBAT-2	REPORT No. :	<u>3</u>	DFS:	<u>3</u>	DATE :	<u>1st April 2004</u>
2400 DEPTH :	<u>305m</u>	LAST DEPTH :	<u>305m</u>	24 HR PROGRESS		PTD :	
TOTAL FUEL :		FUEL USAGE :		DAYCOST : \$		CUM. COST : \$	<u>223,755</u>
0600 OPS :	Installing B.O.P equipment , and waiting for the 13-5/8 " Annular preventor to arrive						
Next 24 Hrs Op	Complete the B.O .P then test all the equipment						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number			Drilling		Density		S.G.
Size (mm)			Tripping		Viscosity		Sec
Make			Surveys		Water Loss		Cc
Type			Rigged up		pH		Strip
IADC Code			Testing/tools		Filter Cake		32 nd
Serial Number			Circulate Sample		PV / YP		Cp/lb/100'
Nozzles (32)			Casing		Gels		S/m
Depth in (m)			Cementing		Sand		% Vol
Depth out (m)			Surveys		Solids		% Vol
Total Metres			Circulate & Condition		Oil		% Vol
Hours			Rig Service/slip & cut		K+		Mg/l
WOB (kg)			Rig down bop		Chlorides		Mg/l
RPM			Drill out Cml		PHPA		
Condition			Breakdown kelly		ALC - 50		
Impact Force			Wait On Cement		Daily Cost	\$	2400.00
Jet Velocity			Test BOPs		Cum Cost	\$	4695.60

B.H.A.:

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0030	Rigged up for running casing
0030		Ran 24 joints of 340mm Casing, attempted to run the
		last joint , however the pipe became differentially stuck
	0400	rigged up to circulate
0400		Attempted to circulate the last joint down with no
	0530	Result . Shoe depth at 283m from RKB
0530	0600	Rigged up Halliburton
0600	0730	Circulated
0730	0800	Held safety meeting then pressure tested lines
0800		Cemented the casing -Displaced –bumped plug to
	1030	7000 ka held good
1030	1430	W.O.C . cleaned mud pits
1430		Removed conductor pipe then installed the 13-5/8 “
	2400	Bradenhead
Dyers	701141	2 x Loads water Dyers
Dyers	701724	25 sx of cement for top up job 13-3/8 inch casing
Dyers	701768	1 x Load of Water
	1	Pre tour safety meeting on Running Casing
	2	J.S.A # 42 on fork lift use
Days since	LTA	442

SURVEYS	
^o at	m
^o at	m
^o al	m
^o at	m
^o at	m
^o al	m
^o at	m
^o at	m

CHEMICALS USED	
Type	Amount
Bentonite	
Sodium Sulphite	
Wildcat 420	
Drillzan	
KCl Tech	
PHPA/Soda Ash	
Caustic Soda	

PUMP 1	
Liner	140 mm
Pressure	kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

PUMP 2		
Liner	140	mm
Pressure	3500	KPa
A.V. DP		m/min
A.V. DC		m/min
SPM		
LPM		

CEMENT DATA	
Sacks Halliburton	598
Class Bulk	"A"
%	
%	
%	
%	
Av. Wt	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	3	DFS:	3	DATE :	1st April 2004
2400 DEPTH :	305m	LAST DEPTH :	305m	24 HR PROGRESS:		PTD :	
TOTAL FUEL :		FUEL USAGE :		DAYCOST : \$	79,284	CUM. COST : \$	332,609
0600 OPS :	Installing B.O.P equipment , and waiting for the 13-5/8 " Annular preventor to arrive						
Next 24 Hrs Op	Complete the B.O .P then test all the equipment						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES	
Bit Number			Drilling		Density	S.G.
Size (mm)			Tripping		Viscosity	Sec
Make			Surveys		Water Loss	Cc
Type			Rigged up		pH	Strip
IADC Code			Testing/tools		Filter Cake	32 nd
Serial Number			Circulate Sample		PV / YP	Cp/lb/100
Nozzles (32)			Casing		Gels	S/m
Depth in (m)			Cementing		Sand	% Vol
Depth out (m)			Surveys		Solids	% Vol
Total Metres			Circulate & Condition		Oil	% Vol
Hours			Rig Service/slip & cut		K+	Mg/l
WOB (kg)			Rig down bop		Chlorides	Mg/l
RPM			Drill out Cmt		PHPA	
Condition			Breakdown kelly		ALC - 50	
Impact Force			Wait On Cement		Daily Cost	\$ 2400.00
Jet Velocity			Test BOPs		Cum Cost	\$ 4695.60

B.H.A.:

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0030	Rigged up for running casing
0030		Ran 24 joints of 340mm Casing, attempted to run the
		last joint , however the pipe became differentially stuck
	0400	rigged up to circulate
0400		Attempted to circulate the last joint down with no
	0530	Result , Shoe depth at 283m from RKB
0530	0600	Rigged up Halliburton
0600	0730	Circulated
0730	0800	Held safety meeting then pressure tested lines
0800		Cemented the casing -Displaced -bumped plug to
	1030	7000 ka held good
1030	1430	W.O.C , cleaned mud pits
1430		Removed conductor pipe then installed the 13-5/8 "
	2400	Bradenhead
Dyers	701141	2 x Loads water Dyers
Dyers	701724	25 sx of cement for top up job 13-3/8 inch casing
Dyers	701768	1 x Load of Water
	1	Pre tour safety meeting on Running Casing
	2	J.S.A # 42 on fork lift use
Days since	LTA	442

[illegible]

CHEMICALS USED	
Type	Amount
Bentonite	
Sodium Sulphite	
Wildcat 420	
Drillzan	
KCl Tech	
PHPA/Soda Ash	
Caustic Soda	

PUMP 1	
Liner	140 mm
Pressure	kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

PUMP 2		
Liner	140	mm
Pressure	3500	KPa
A.V. DP		m/min
A.V. DC		m/min
SPM		
LPM		

CEMENT DATA	
Sacks Halliburton	598
Class Bulk	"A"
%	
%	
%	
%	
Av. Wt	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKE OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	DFS:	DATE :
2400 DEPTH :	305m	LAST DEPTH :	24 HR	2 nd April 2004
TOTAL FUEL :		FUEL USAGE :	PROGRESS:	
0600 OPS :	Drilling out the float shoe at 283m		DAYCOST : \$	PTD :
Next 24 Hrs Op	Drilling 12-1/4 inch hole from 305m		32327	CUM. COST : \$
Site Personnel:	Lou DeVattimo - Supervisor			364936

BIT INFORMATION		
Bit Number	2 RR	
Size (mm)	311	
Make		
Type	TGR	
IADC Code	1-1-5	
Serial Number	4342038	
Nozzles (32)	18-18-18	
Depth in (m)	305	
Depth out (m)		
Total Metres		
Hours		
WOB (kg)		
RPM		
Condition		
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	
B.H.A	2.00
Surveys	
Rigged up	
Testing/tools	
Circulate Sample	
Casing	
Cementing	
Surveys	
Circulate & Condition	
Rig Service/slip & cut	
Rig up BOP	18.00
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	4.00

MUD PROPERTIES		
Density	9.00ppg	S.G.
Viscosity	50	Sec
Water Loss	8.6	Cc
pH	7.5	Strip
Filter Cake	0/0	32 nd
PV / YP	10 / 24	Cp/lb/100'
Gels	8/10/0	S/m
Sand	0	% Vol
Solids	2.0	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	13000	Mg/l
PHPA	0.15	
Hard Ca	120	Mg/l
Daily Cost	\$	6552.22
Cum Cost	\$	11247.82

B.H.A.: Bit-Bit Sub with float and totco ring- 2x 8" D.C-Stab- x/o- 15 x 6-1/2 inch drill collars-fars- 3 x 6-1/2 in drill collars-3 x HWDP =229 METRES

[illegible][illegible]

CHEMICALS USED	
Type	Amount
Barazan plus	10
Barite	200
Potassium chloride	60
Pac -R	4
Dextrid LTE	10
Baracide	1
PHPA	1

PUMP 1	
Liner	140 mm
Pressure	kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

PUMP 2		
Liner	140	mm
Pressure		KPa
A.V. DP		m/min
A.V. DC		m/min
SPM		
LPM		

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
Calcium chloride	10 for cement

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKES OIL Ltd

WELL :	WOMBAT-2	REPORT No. :	5	DFS:		DATE :	3rd April 2004
2400 DEPTH :	545m	LAST DEPTH :	305m	24 HR PROGRESS:	240m	PTD :	
TOTAL FUEL :		FUEL USAGE :		DAYCOST : \$	29,774	CUM. COST : \$	362,383
0600 OPS :	Drilling 311mm hole at 577m						
Next 24 Hrs Op	Continue to Drill 311mm hole with a wiper trip to follow						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION		
Bit Number	2	
Size (mm)	311	
Make	Varel	
Type	TGR	
IADC Code	1-1-5	
Serial Number	4342038	
Nozzles (32)	18-18-18	
Depth in (m)	305	
Depth out (m)		
Total Metres	240	
Hours	16	
WOB (kg)	7000	
RPM	120	
Condition	S.LH	
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	16.00
Tripping	2.00
Surveys	
Rigged up BOP	2.0
Testing/tools	
Circulate Sample	
Casing	
Cementing	
Surveys	0.5
Circulate & Condition	1.50
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	1.0
Breakdown kelly	
Wait On Cement	
Test BOPs	1.0

MUD PROPERTIES		
Density	1.13	S.G.
Viscosity	51	Sec
Water Loss	7.4	Cc
pH	8.0	Strip
Filter Cake	1	32 nd
PV / YP	13/28	Cp/lb/100'
Gels	10/12	S/m
Sand	0.75	% Vol
Solids	7	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	18000	Mg/l
PHPA	0.15	
KCL	3.5 %	
Daily Cost	\$	5099
Cum Cost	\$	13946

B.H.A.: 311 mm Bit-bit sub with float and totco ring-2 x 8 inch drill collars-stab-x/o sub-15 x 6-1/2 inch drill collars-3 x HWDP- Total = 229 m

HOURLY OPERATIONS SUMMARY (0000 – 2400)			SURVEYS			CHEMICALS USED	
From	To	Operation				Type	Amount
0000		Made up the flowline,centralized the BOP,installed	0.25	° at	448 m	Baracide	1 pail
	0200	Mousehole,and function tested the Annular		° at	m	Barazan D +	
0200	0300	Pressure tested the Annular to 7000 kpa held good		° at	m	Dextrid LTE	
0300		Tripped in hole with 311 mm drilling assembly and		° at	m	Pac -R	
	0500	tagged cement displacement plug at 283m		° at	m	KCl Tech	
0500		Picked up Kelly and drilled out plug and shoe then		° at	m	PHPA/Soda Ash	
	0630	cleaned hole to 305m		° at	m	Barite	
0630		Circulated hole clean then changed out to KCL/PHPA					
	0730	mud					
0730	1500	Drilled 31 mm hole from 305m to 459m	PUMP 1			PUMP 2	
1500	1530	Ran wireline survey at 448 m	Liner	140	mm	Liner	140 mm
1530	2400	Drilled 311 mm hole from 459m to 545m	Pressure	2100	kPa	Pressure	KPa
			A. V. DP		m/min	A. V. DP	m/min
			A. V. DC		m/min	A. V. DC	m/min
			SPM			SPM	
			LPM			LPM	
			CEMENT DATA			LAST CASING	
			Sacks Halliburton			Size	340 mm
			Class Bulk			Weight	54.50 Kg/m
			%			Grade	K-55
			%			Connection	Buttress
			%			Joints	24
			%			Length	283 m
			Av. Wt			Shoe	283 m from RKB m
Dyers	701833	2 x loads of water					
	1	J.S.A # 16 Tripping with drill collars					
	2	J.S.A # 40 Running wireline surveys					
Days since	LTA	443					

LAKE OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	<u>6</u>	DFS:	<u>6</u>	DATE :	<u>4th April 2004</u>
2400 DEPTH :	<u>713 m</u>	LAST DEPTH :	<u>305m</u>	24 HR			
TOTAL FUEL :	<u>7000</u>	FUEL USAGE :	<u>1650</u>	PROGRESS:	<u>408 m</u>	PTD :	<u>1500 m</u>
0600 OPS :	<u>Drilled to 773 m</u>			DAYCOST : \$	<u>32,043</u>	CUM. COST : \$	<u>426,753</u>
Next 24 Hrs Op	<u>Wiper trip when encounter first Coals then continue drilling 311 mm hole</u>						
Site Personnel:	<u>Lou DeVattimo - Supervisor</u>						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	2RR		Drilling	23.50	Density	1.22	S.G.
Size (mm)	311		Tripping		Viscosity	48	Sec
Make	Varel		Surveys	0.5	Water Loss	6.2	Cc
Type	TGR		Rigged up		pH	8.0	Strip
IADC Code	1-1-5		Testing/tools		Filter Cake	1	32 nd
Serial Number			Circulate Sample		PV / YP	15 / 24	Cp/lb/100'
Nozzles (32)	18-18-18		Casing		Gels	9 / 14	S/m
Depth in (m)	305		Cementing		Sand	0.5	% Vol
Depth out (m)			Surveys		Solids	11	% Vol
Total Metres	408		Circulate & Condition		Oil		% Vol
Hours	39.5		Rig Service/slip & cut		K+		Mg/l
WOB (kg)	7-9000		Rig down bop		Chlorides	32000	Mg/l
RPM	100- 120		Drill out Cmt		PHPA	0.15	
Condition	SIH		Breakdown kelly		KCL	6.2	%
Impact Force			Wait On Cement		Daily Cost	\$	7868
Jet Velocity			Test BOPs		Cum Cost	\$	21,815

B.H.A.: As previous

[illegible]

LAKES OIL Ltd

WELL :	WOMBAT-2	REPORT No. :	<u>7</u>	DFS:	<u>7</u>	DATE :	<u>5th April 2004</u>
2400 DEPTH :	<u>809m</u>	LAST DEPTH :	<u>713m</u>	24 HR PROGRESS:	<u>96</u>	PTD :	<u></u>
TOTAL FUEL :	<u></u>	FUEL USAGE :	<u></u>	DAYCOST : \$	<u>29,057</u>	CUM. COST : \$	<u>455810</u>
0600 OPS :	<u>Drilling 311mm hole at 849m</u>						
Next 24 Hrs Op	<u>Drilling ahead and wiper trip back to 773m later today</u>						
Site Personnel:	<u>Lou DeVattimo - Supervisor</u>						

BIT INFORMATION		
Bit Number	2RR	
Size (mm)	311mm	
Make	Varel	
Type	TGR	
IADC Code	1-1-5	
Serial Number	4342038	
Nozzles (32)	18-181-18	
Depth in (m)	305	
Depth out (m)		
Total Metres	504m	
Hours	52	
WOB (kg)	7-9000	
RPM	100	
Condition	S.I.H	
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	12.50
Tripping	5.00
Surveys	
Repair mud pump	4.00
Testing/tools	
Circulate Sample	1.00
Casing	
Cementing	
Surveys	
Circulate & Condition	1.50
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	1.23	S.G.
Viscosity	45	Sec
Water Loss	6.6	Cc
pH	8.0	Strip
Filter Cake	1	32 nd
PV / YP	14/25	Cp/lb/100'
Gels	9/14	S/m
Sand	0.75	% Vol
Solids	10.5	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	31000	Mg/l
PHPA	0.15	
KCL	6.1 %	
Daily Cost	\$	4482
Cum Cost	\$	26,297

B.H.A.: As previous

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0630	Drilled 311 mm hole from 713 m to 773 m
0630	0730	Circulated with pump # 1 while repaired pump # 2
0730	0800	Continued to drill 311 mm hole from 773m to 779m
0800	0900	Circulated sample for geo .formation change
0900	1400	Wiper tripped hole back to the shoe at 283m
1400	1500	Washed to bottom at 779m from 769m
1500	1530	Circulated hole clean
1530	2030	Drilled 311 mm hole from 779m to 808m
2030	2330	Circulated with # 2 pump while repaired # 1 pump
2330	2400	Drilled 311 mm hole from 808m to 809 m
Stoitse	298062	Delivered 3 pallets of mud ex Aust mud co
Dyers	701834	2 loads of water ex Sale
	1	J.S.A # 5 Running drill pipe stands
	2	J.S.A # 25 Unloading casing
Days since	LTA	443

[illegible]

CHEMICALS USED	
Type	Amount
Baracor 129	2
Baracide	1
Barazan +D	3
Dextrid LTD	6
KCI Tech / Pac R	48 / 2
PHPA/Soda Ash	3 / 2
Caustic Soda	2

PUMP 1	
Liner	140 mm
Pressure	7000 kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	45
LPM	1150

PUMP 2		
Liner	140	mm
Pressure	7000	KPa
A.V. DP		m/min
A.V. DC		m/min
SPM	45	
LPM	1150	

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
%	
A v. Wt	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	<u>7</u>	DFS:	<u>7</u>	DATE :	<u>5th April 2004</u>
2400 DEPTH :	<u>809m</u>	LAST DEPTH :	<u>713m</u>	24 HR			
TOTAL FUEL :		FUEL USAGE :		PROGRESS:	<u>96</u>	PTD :	
0600 OPS :	<u>Drilling 311mm hole at 849m</u>			DAYCOST : \$	<u>29,057</u>	CUM. COST : \$	<u>455810</u>
Next 24 Hrs Op	<u>Drilling ahead and wiper trip back to 773m later today</u>						
Site Personnel:	<u>Lou DeVattimo - Supervisor</u>						

BIT INFORMATION		
Bit Number	2RR	
Size (mm)	311mm	
Make	Varel	
Type	TGR	
IADC Code	1-1-5	
Serial Number	4342038	
Nozzles (32)	18-181-18	
Depth in (m)	305	
Depth out (m)		
Total Metres	504m	
Hours	52	
WOB (kg)	7-9000	
RPM	100	
Condition	S.LH	
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	12.50
Tripping	5.00
Surveys	
Repair mud pump	4.00
Testing/tools	
Circulate Sample	1.00
Casing	
Cementing	
Surveys	
Circulate & Condition	1.50
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	1.23	S.G.
Viscosity	45	Sec
Water Loss	6.6	Cc
pH	8.0	Strip
Filter Cake	1	32 nd
PV / YP	14/25	Cp/lb/100
Gels	9/14	S/m
Sand	0.75	% Vol
Solids	10.5	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	31000	Mg/l
PHPA	0.15	
KCL	6.1 %	
Daily Cost	\$	4482
Cum Cost	\$	26,297

B.H.A.: As previous

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0630	Drilled 311 mm hole from 713 m to 773 m
0630	0730	Circulated with pump # 1 while repaired pump # 2
0730	0800	Continued to drill 311 mm hole from 773m to 779m
0800	0900	Circulated sample for geo ,formation change
0900	1400	Wiper tripped hole back to the shoe at 283m
1400	1500	Washed to bottom at 779m from 769m
1500	1530	Circulated hole clean
1530	2030	Drilled 311 mm hole from 779m to 808m
2030	2330	Circulated with # 2 pump while repaired # 1 pump
2330	2400	Drilled 311 mm hole from 808m to 809 m
Stoitse	298062	Delivered 3 palletts of mud ex Aust mud co
Dyers	701834	2 loads of water ex Sale
	1	J.S.A # 5 Running drill pipe stands
	2	J.S.A # 25 Unloading casing
Days since	LTA	443

SURVEYS	
^o al	m
^o at	m
^o al	m
^o at	m
^o at	m
^o at	m
^o at	m
^o at	m

CHEMICALS USED	
Type	Amount
Baracor 129	2
Baracide	1
Barazan +D	3
Dextrid LTD	6
KCl Tech / Pac R	48 / 2
PHPA/Soda Ash	3 / 2
Caustic Soda	2

PUMP 1		
Liner	140	mm
Pressure	7000	kPa
A.V. DP		m/min
A.V. DC		m/min
SPM	45	
LPM	1150	

PUMP 2		
Liner	140	mm
Pressure	7000	KPa
A.V. DP		m/min
A.V. DC		m/min
SPM	45	
LPM	1150	

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
%	
Av. Wt	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	8	DFS:	8	DATE :	6th April 2004
2400 DEPTH :	920 m	LAST DEPTH :	809m	24 HR PROGRESS:	111 m	PTD :	
TOTAL FUEL :		FUEL USAGE :		DAYCOST : \$		CUM. COST : \$	332,609
0600 OPS :	Drilling 311mm hole at 927 m with Bit # 3						
Next 24 Hrs Op	Drill ahead						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION		
Bit Number	2RR	
Size (mm)	311 mm	
Make	Varel	
Type	TGR	
IADC Code	1-1-5	
Serial Number	43422038	
Nozzles (32)	18-18-18	
Depth in (m)	305 m	
Depth out (m)	920	
Total Metres	615	
Hours	70.5	
WOB (kg)	10,000	
RPM	100	
Condition		
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	18.50
Tripping	4.00
Surveys	
Rigged up	
Testing/tools	
Circulate Sample	
Casing	
Cementing	
Surveys	0.50
Circulate & Condition	1.00
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	1.23	S.G.
Viscosity	47	Sec
Water Loss	6.2	Cc
pH	8.8	Strip
Filter Cake	1	32 nd
PV / YP	16 / 26	Cp/lb/100'
Gels	10 / 16	S/m
Sand	0.5	% Vol
Solids	10	% Vol
Hardness	120	Ca mg/l
K+		Mg/l
Chlorides	31,000	Mg/l
PHPA	1.0	
K.C.L	6.0	
Daily Cost	\$	3963
Cum Cost	\$	30,261

B.H.A.: As previous

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	1830	Drilled 311 mm hole from 809m to 920 m
1830	1930	Circulated hole clean
1930	2030	Tripped out to 700m with no problems
2030	2100	Ran wireline survey at 700m
2100	2400	Tripped out to change the Bit
Dyers	701835	2 x Loads of water from Sale
Dyers	702405	Casing haulage and fork lift hire
	1	J.S.A # 27 Casing preparation
	2	J.S.A # 1 Drillpipe loading into bins
Days since	LTA	447

SURVEYS			
0.5	° at	700	m
	° at		m
	° at		m
	° at		m
	° at		m
	° at		m
	° at		m
	° at		m

PUMP 1		
Liner	140	mm
Pressure	7500	kPa
A.V. DP		m/min
A.V. DC		m/min
SPM	45	
LPM	1150	

CEMENT DATA		
Sacks Halliburton		
Class Bulk		
%		
%		
%		
%		
Av. Wt		

CHEMICALS USED		
Type	Amount	
Baracor 129	4	
Barazan + D	5	
Dextrid LTD	7	
Pac-R / Barite	1 / 33	
KCl Tech	60	
PHPA/Soda Ash	3 / 6	
Caustic Soda	5	

PUMP 2		
Liner	140	mm
Pressure	7500	KPa
A.V. DP		m/min
A.V. DC		m/min
SPM	45	
LPM	1150	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB m	

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	8	DFS:	8	DATE :	6th April 2004
2400 DEPTH :	920 m	LAST DEPTH :	809m	24 HR PROGRESS:	111 m	PTD :	
TOTAL FUEL :		FUEL USAGE :		DAYCOST : \$		CUM. COST : \$	332,609
0600 OPS :	Drilling 311mm hole at 927 m with Bit # 3						
Next 24 Hrs Op	Drill ahead						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION		
Bit Number	2RR	
Size (mm)	311 mm	
Make	Varel	
Type	TGR	
IADC Code	1-1-5	
Serial Number	43422038	
Nozzles (32)	18-18-18	
Depth in (m)	305 m	
Depth out (m)	920	
Total Metres	615	
Hours	70.5	
WOB (kg)	10,000	
RPM	100	
Condition	Worn out	
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	18.50
Tripping	4.00
Surveys	
Rigged up	
Testing/tools	
Circulate Sample	
Casing	
Cementing	
Surveys	0.50
Circulate & Condition	1.00
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	1.23	S.G.
Viscosity	47	Sec
Water Loss	6.2	Cc
pH	8.8	Strip
Filter Cake	1	32 nd
PV / YP	16 / 26	Cp/lb/100'
Gels	10 / 16	S/m
Sand	0.5	% Vol
Solids	10	% Vol
Hardness	120	Ca mg/l
K+		Mg/l
Chlorides	31,000	Mg/l
PHPA	1.0	
K.C.L	6.0	
Daily Cost	\$	3963
Cum Cost	\$	30,261

B.H.A.: As previous

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	1830	Drilled 311 mm hole from 809m to 920 m
1830	1930	Circulated hole clean
1930	2030	Tripped out to 700m with no problems
2030	2100	Ran wireline survey at 700m
2100	2400	Tripped out to change the Bit
Dyers	701835	2 x Loads of water from Sale
Dyers	702405	Casing haulage and fork lift hire
	1	J.S.A # 27 Casing preparation
	2	J.S.A # 1 Drillpipe loading into bins
Days since	LTA	447

[illegible]

CHEMICALS USED	
Type	Amount
Baracor 129	4
Barazan + D	5
Dextrid LTD	7
Pac-R / Barite	1 / 33
KCI Tech	60
PHPA/Soda Ash	3 / 6
Caustic Soda	5

PUMP 1	
Liner	140 mm
Pressure	7500 kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	45
LPM	1150

PUMP 2		
Liner	140	mm
Pressure	7500	KPa
A.V. DP		m/min
A.V. DC		m/min
SPM	45	
LPM	1150	

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
%	
Av. Wt	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	DFS:	DATE :
2400 DEPTH :	1057	LAST DEPTH :	24 HR	7 th April 2004
TOTAL FUEL :	9470	FUEL USAGE :	PROGRESS:	
0600 OPS :	Drilling 311mm hole at 1088m with Bit # 3	2270	DAYCOST : \$	PTD :
Next 24 Hrs Op	Continue drilling 311mm hole , possible short wiper trip back to 900m		29,732	CUM. COST : \$
Site Personnel:	Lou DeVattimo - Supervisor			514,290

BIT INFORMATION		
Bit Number	3	
Size (mm)	311 mm	
Make	Varel	
Type	ETR1GJMS	
IADC Code	1-1-5	
Serial Number	179020	
Nozzles (32)	18-18-18-18	
Depth in (m)	920 m	
Depth out (m)		
Total Metres	137	
Hours	18.50	
WOB (kg)	10	
RPM	100	
Condition	S.I.H	
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	18.50
Tripping	4.50
Surveys	
Rigged up	
Testing/tools	
Circulate Sample	
Casing	
Cementing	
Surveys	
Circulate & Condition	1.00
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	1.22	S.G.
Viscosity	50	Sec
Water Loss	5.8	Cc
pH	8.5	Strip
Filter Cake	1.0	32 nd
PV / YP	16 / 28	Cp/lb/100'
Gels	10 / 17/ 0	Lbs/100 ft
Sand	0.75	% Vol
Solids	7.5	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	32000	Mg/l
PHPA	1.40	ppb
KCL	6.00 %	
Daily Cost	\$	5,087
Cum Cost	\$	35,348

B.H.A.:	As previous
---------	-------------

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0030	Changed out Bits
0030	0430	Tripped in hole to 899m with no problems
0430	0530	Washed and cleaned to bottom at 920m
0530	2400	Drilled 311 mm hole from 920 m to 1057m
Dyers	702343	1 x Load of water
Dyers	702343	1 x Load of Casing
Dyers	702455	1 load water
Dyers	702553	1 load water
Stoitse	297169	Halliburton cementing additives
	1	J.S.A # 16 Tripping with drill collars
	2	J.S.A # 54 Service and lubricating the swivel
Days since LTA	448	

SURVEYS	
° at	m
° al	m
° al	m
° at	m
° at	m
° at	m
° at	m
° at	m

PUMP 1		
Liner	140	mm
Pressure	7500	kPa
A.V. DP	45	m/min
A.V. DC	464	m/min
SPM	50	
LPM	1150	

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
%	
Av. Wt	

CHEMICALS USED	
Type	Amount
Barazan D plus	7
Dextrid LTE	20
Potassium chloride	55
Baracide/ Barite	1 / 28
KCl Tech	26
PHPA	4
Baracor 129	4

PUMP 2		
Liner	140	mm
Pressure	7500	KPa
A.V. DP	45	m/min
A.V. DC	464	m/min
SPM	50	
LPM	1150	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 10 **DFS:** 10 **DATE :** 8 th April 2004
2400 DEPTH : 1147 **LAST DEPTH :** 1057m **24 HR PROGRESS:** 90 **PTD :** _____
TOTAL FUEL : 6370 **FUEL USAGE :** 3100 **DAYCOST : \$** 29,741 **CUM. COST : \$** 544,031
0600 OPS : On bottom with Bit # 4
Next 24 Hrs Op Drill ahead with 311mm bit to casing point
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	3		Drilling	18.50	Density	1.23	S.G.
Size (mm)	311		Tripping	4.00	Viscosity	45	Sec
Make	Varel		Surveys		Water Loss	5.8	Cc
Type	ETR1GJMS		Rigged up		pH	9.0	Strip
IADC Code	1-1-5		Testing/tools		Filter Cake	1	32 nd
Serial Number	179020		Circulate Sample		PV / YP	16 / 23	Cp/lb/100'
Nozzles (32)	18-18-18-18		Casing		Gels	8 / 15 / 0	S/m
Depth in (m)	920		Cementing		Sand	0.75	% Vol
Depth out (m)	1147		Surveys		Solids	8.4	% Vol
Total Metres	227		Circulate & Condition	1.50	Oil		% Vol
Hours	37		Rig Service/slip & cut		K+		Mg/l
WOB (kg)	10		Rig down bop		Chlorides	33000	Mg/l
RPM	100		Drill out Cmt		PHPA	1.30	
Condition	5-5-RG-A-E-2-WO-PR		Breakdown kelly		KCL	6.10 %	
Impact Force			Wait On Cement		Daily Cost	\$	4,096
Jet Velocity			Test BOPs		Cum Cost	\$	39,444

B.H.A.:	As previous
----------------	-------------

HOURLY OPERATIONS SUMMARY (0000 – 2400)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	1430	Drilled 311mm hole from 1057m to 1139m	° at	m	Barazan D plus	4
1430	1500	Circulated hole clean	° at	m	Barite / Dextrid	61 / 2
1500		Wiper tripped back to 909m some overpull through	° at	m	Baracide	1
	1630	Coaly section at 956m tripped back in hole to 1127m	° at	m	Pac -R / Baracor	2 / 3
1630	1700	Washed from 1127m to 1139m	° at	m	KCl Tech	96
1700	2100	Drilled 311mm hole from 1139m to 1147m	° at	m	PHPA/Soda Ash	2 / 3
2100	2130	Circulated hole clean	° at	m	Caustic Soda	2
2130		Tripped out with bit # 3 because of slow penetration				
	2400	Rate and excessive torque parameters				
Dyers	701838	Water haulage				
Dyers	703238	Water haulage				
Stoitse	299604	Mud haulage				
Dyers	702705	Semi and fork lift hire for Casing				
	1	J.S.A# 41 Derrick climbing				
	2	J.S.A # 26 Removing casing protectors				
Days since	LTA	449				

PUMP 1			PUMP 2		
Liner	140	mm	Liner	140	mm
Pressure	7500	kPa	Pressure	7500	KPa
A.V. DP	45	m/min	A.V. DP	45	m/min
A.V. DC	464	m/min	A.V. DC	464	m/min
SPM	50		SPM	50	
LPM	1150		LPM	1150	

CEMENT DATA		LAST CASING	
Sacks Halliburton		Size	340 mm
Class Bulk		Weight	54.50 Kg/m
%		Grade	K-55
%		Connection	Buttress
%		Joints	24
%		Length	283 m
Av. Wt		Shoe	283 m from RKB m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	12	DFS:	12	DATE :	10th April 2004
2400 DEPTH :	1307m	LAST DEPTH :	1223m	24 HR			
				PROGRESS:	84m	PTD :	
TOTAL FUEL :		FUEL USAGE :		DAYCOST : \$	39,221	CUM. COST : \$	611,252
0600 OPS :	Drilling 311m hole , current depth 134.0 m						
Next 24 Hrs Op	Continue drilling to casing point						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION		
Bit Number	4RR	5
Size (mm)	311	311
Make	Security	Security
Type	XSI	EBX SC1
IADC Code	1-1-6	1-1-6
Serial Number	1040660	10523506
Nozzles (32)	16-16-16-16	16-16-16-16
Depth in (m)	1147	1223
Depth out (m)	1223	S.I.H
Total Metres	76	84
Hours	15.5	12.5
WOB (kg)	12.5	12
RPM	90	100
Condition	Worn out	New
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	12.5
Tripping	6.5
Rig repair	4.5
Rigged up	
Testing/tools	
Circulate Sample	
Casing	
Cementing	
Surveys	
Circulate & Condition	0.5
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	1.21	S.G.
Viscosity	45	Sec
Water Loss	5.4	Cc
pH	9.0	Strip
Filter Cake	1	32 nd
PV / YP	18 / 29	Cp/lb/100'
Gels	10 / 13 / 0	S/m
Sand	0.75	% Vol
Solids	9.0	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	33,000	Mg/l
PHPA	0.90	
KCL	6.20	% wt
Daily Cost	\$	3,976
Cum Cost	\$	47,026

B.H.A.:

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0130	Finished trip out with bit # 4
0130	0630	Changed bit then tripped in hole to 1214m
0630	0700	Light reamed from 1214m to 1223m
0700	1130	Generator problem , circulated while repaired
1130	2400	Drilled 311mm hole from 1223m to 1307m
Dyers	702823	Water haulage 8/4/04
Dyers	702821	Water haulage
Dyers	702816	Water haulage
Dyers	703343	Fork lift and casing haulage
	1	J.S.A # 9 Make up drill bit
	2	J.S.A # 33 Changing elevators
Days since	LTA	443

SURVEYS	
^o at	m
^o at	m
^o at	m
^o al	m
^o al	m
^o al	m
^o al	m
^o at	m

PUMP 1		
Liner	140	mm
Pressure	8000	kPa
A.V. DP		m/min
A.V. DC		m/min
SPM	50	
LPM	1200	

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
%	
Av. Wt	

CHEMICALS USED	
Type	Amount
Barazan D plus	5
Dextrid LTE	10
Pac -R	3
Barite	31
KCl Tech	93
PHPA/	2
Caustic Soda	2

PUMP 2		
Liner	140	mm
Pressure	8000	KPa
A.V. DP		m/min
A.V. DC		m/min
SPM	50	
LPM	1200	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	13	DFS:	13	DATE :	11/04/04
2400 DEPTH :	305m	LAST DEPTH :	305m	24 HR		PTD :	
TOTAL FUEL :		FUEL USAGE :		PROGRESS:			
				DAYCOST : \$	26,091	CUM. COST : \$	637,343
0600 OPS :	Run in hole with 311mm Bit # 5 to continue drilling						
Next 24 Hrs Op	Drill to casing point						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	5		Drilling	7	Density	1.21	S.G.
Size (mm)	311		Tripping	13	Viscosity	56	Sec
Make	Security		Fishing	4	Water Loss	5.6	Cc
Type	EBX SCI		Rigged up		pH	9.00	Strip
IADC Code	1-1-7		Testing/tools		Filter Cake	1	32 nd
Serial Number	10523506		Circulate Sample		PV / YP	18 / 27	Cp/lb/100
Nozzles (32)	16-16-16-16		Casing		Gels	9 / 13 / 0	S/m
Depth in (m)	1223		Cementing		Sand	0.75	% Vol
Depth out (m)	1349		Surveys		Solids	8.4	% Vol
Total Metres	126		Circulate & Condition		Oil		% Vol
Hours	19.50		Rig Service/slip & cut		K+		Mg/l
WOB (kg)	12.5		Rig down bop		Chlorides	33,000	Mg/l
RPM	100-120		Drill out Cmt		PHPA	0.80	
Condition	10 % worn		Breakdown kelly		6.20		
Impact Force			Wait On Cement		Daily Cost	\$	1,546
Jet Velocity			Test BOPs		Cum Cost	\$	48,573

B.H.A.:

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0700	Drilled 311 mm hole with bit # 5 from 1307m-1349m
0700		Drill string torqued up while drilling then spun backwards which caused the drill string to back off at
	0730	approx 963m
0730		Tripped out with the backed off pipe , the connections
	1130	were tight
1130		Made up and ran the Hunt energy over-shot dressed
		with a 6.125 inch spiral grapple to top of fish then
	2300	engaged same and tripped out with the assembly.
2300		Inspected the drill bit , layed out the stabilizer and
		prepared to run back in hole with the same bit to
	2400	continue drilling
Dyers	702817	1 load of water
	1	J.S.A # 20 Racking back drill collars
	2	J.S.A # Running in hole with drill pipe
Days since	LTA	444

[illegible]

PUMP 1	
Liner	140 mm
Pressure	8000 kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	50
LPM	

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
%	
Av. Wt	

CHEMICALS USED	
Type	Amount
Barazan D	2
Sodium Sulphite	
Barite	25
Dextrid LTE	4
KCI Tech	30
PHPA / Pac -R	1/ 1
Baracide	1

PUMP 2	
Liner	140 mm
Pressure	8000 KPa
A.V. DP	m/min
A.V. DC	m/min
SPM	50
LPM	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

LAKES OIL Ltd

WELL :	WOMBAT-2	REPORT No. :	14	DFS:	14	DATE :	12th April 04
2400 DEPTH :	1363m	LAST DEPTH :	1349m	24 HR PROGRESS:	14m	PTD :	
TOTAL FUEL :	5920	FUEL USAGE :	996	DAYCOST : \$		CUM. COST : \$	
0600 OPS :	Runing 9.625 inch casing presently at 700m (proposed shoe depth will be 1359m from R.T						
Next 24 Hrs Op	Run casing –cement same –w.o.c-then install the “B” section wellhead						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION		
Bit Number	6 RR-# 5	
Size (mm)	311	
Make	Security	
Type	EBX SCI	
IADC Code	1-1-7	
Serial Number	10523506	
Nozzles (32)	16-16-16-16	
Depth in (m)	1223	
Depth out (m)	1363	
Total Metres	140	
Hours	23	
WOB (kg)	12	
RPM	100	
Condition	2-2	
Impact Force		
Jet Velocity	229 ft/sec	

OPS BREAKDOWN	
Drilling	3.50
Tripping	15.00
Surveys	0.50
Rigged up	
Testing/tools	
Circulate Sample	0.50
Casing	2.50
Cementing	
Surveys	1.00
Circulate & Condition	1.00
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	1.23	S.G.
Viscosity	49	Sec
Water Loss	5.00	Cc
pH	8.00	Strip
Filter Cake	1	32 nd
PV / YP	17 / 28	Cp/lb/100'
Gels	10 /15 /0	S/m
Sand	1.00	% Vol
Solids	9.5	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	33,000	Mg/l
PHPA	0.50	
K.C.L		6.20
Daily Cost	\$	2,654
Cum Cost	\$	51,228

B.H.A.: Bit-bit sub-2 x 8 " Drill collars-x/o -13 x 6.5 " Drill collars -Jars - 3 x 6.5 ' Drill collars-3 x HWDP

[illegible][illegible]

CHEMICALS USED	
Type	Amount
Bayrte/Dextrid	75 / 4
Barazan D plus	2
Baracide	1
Baracor 129	2
KCl Tech	30
PHPA/Soda Ash	2 / 1
Caustic Soda	2

PUMP 1		
Liner	140	mm
Pressure	8200	kPa
A.V. DP	14.6	m/min
A.V. DC	45.4	m/min
SPM	50	
GPM	280	

PUMP 2		
Liner	140	mm
Pressure	8200	KPa
A.V. DP		m/min
A.V. DC		m/min
SPM	50	
GPM	280	

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
%	
Av. Wt	

LAST CASING		
Size	340	mm
Weight	54.50	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	24	
Length	283	m
Shoe	283 m from RKB	m

WELL :	WOMBAT-2	REPORT No. :	15	DFS:	15	DATE :	13/04/04
2400 DEPTH :	1363m	LAST DEPTH :	1363m	24 HR PROGRESS:	0	PTD :	
TOTAL FUEL :		FUEL USAGE :		DAYCOST : \$	29,467	CUM. COST : \$	696,550

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES	
Bit Number			Drilling		Density	S.G.
Size (mm)			B.H.A		Viscosity	Sec
Make			Surveys		Water Loss	Cc
Type			Rigged up		pH	Strip
IADC Code			Testing/tools		Filter Cake	32 nd
Serial Number			Circulate Sample		PV / YP	Cp/lb/100
Nozzles (32)			Casing	11.50	Gels	S/m
Depth in (m)			Cementing	1.50	Sand	% Vol
Depth out (m)			Surveys		Solids	% Vol
Total Metres			Circulate & Condition		Oil	% Vol
Hours			Rig Service/slip & cut		K+	Mg/l
WOB (kg)			Rig up BOP	11.00	Chlorides	Mg/l
RPM			Drill out Cmt		PHPA	
Condition			Breakdown kelly		Hard Ca	Mg/l
Impact Force			Wait On Cement		Daily Cost	\$ nil
Jet Velocity			Test BOPs		Cum Cost	\$ 51,228

LAST CASING		
Size	244	mm
Weight	53.60	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	115	
Length	245.50	m
Shoe	259 m from RKB	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 16 **DFS:** 16 **DATE :** 14 April 2004
2400 DEPTH : 1363m **LAST DEPTH :** 1363m **PROGRESS:** NIL **PTD :** _____
TOTAL FUEL : _____ **FUEL USAGE :** _____ **DAYCOST : \$** _____ **CUM. COST : \$** _____
0600 OPS : Drilling out the shoe-track
Next 24 Hrs Op Drill 216mm hole at a controlled rate to locate core and test depth
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	7		Drilling		Density	1.15	S.G.
Size (mm)	216mm		B.H.A	2.00	Viscosity	45	Sec
Make	Varel		Trip	6.00	Water Loss	6.60	Cc
Type	CHIGMS		Rigged up /cleared floor	2.00	pH	7.50	Strip
IADC Code	1-1-7		Testing/tools		Filter Cake	1	32 nd
Serial Number	197685		Circulate Sample		PV / YP	13 / 18	Cp/lb/100'
Nozzles (32)	13-13-13		Casing		Gels	6 / 8 / 0	S/m
Depth in (m)	1363m		Cementing		Sand	0.30	% Vol
Depth out (m)			Surveys		Solids	5.40	% Vol
Total Metres			Circulate & Condition	1.00	Oil		% Vol
Hours			Rig Service/slip & cut	1.00	K+		Mg/l
WOB (kg)			Rig up BOP	7.50	Chlorides	32,000	Mg/l
RPM			Drill out Cmt		PHPA	0.40	
Condition			Breakdown kelly		KCL	6.20 %	Mg/l
Impact Force			Wait On Cement		Daily Cost	\$ 209	
Jet Velocity			Test BOPs	4.50	Cum Cost	\$ 51,437	

B.H.A.: 216mm Bit- Bit sub-10 x 6.5 inch drillcollars x Jar -3 x 6.5 inch drill collars-3 x HWDP

HOURLY OPERATIONS SUMMARY (0000 - 2400)		
From	To	Operation
0000	0030	Rigged up th BOP
0030	0330	Pressure tested the "B" section to 2000 psi held good
0330		Made up the BOP to the "B" section and auxillary
	1030	equipment then flushed and functioned tested same
1030		Pressure tested Blind rams-Kill valves-Choke valves
	1130	to 14,000 kpa all held good
1130	1300	Slipped and cut block line
1300	1500	Layed out 3 drill collars
1500	1600	Made up bit # 7
1600	1800	Tripped in hole to 296m
1800	1900	Picked up Kelly ,attempted to test pipe rams
1900	2000	Tripped out with bit
2000		Corrected the float position (previously inserted
	2300	incorrectly into the float sub) then tripped in hole
2300		Picked up the kelly ,then circulated and tested pipe rams
	2400	to 14,000kpa held good
		D.ST Australia on site
		A.M.C Mud engineer rep on site today
Dyers	703866	1 x load of water
Dyers	703340	1 x load of water
	1	JSA # Slip and cut line
	2	J.S.A # 35 BOP Testing
Days since	LTA	447

SURVEYS	
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m

CHEMICALS USED	
Type	Amount
KCL	10
Dextrid LTE	200
Potassium chloride	
Pac -R	
Dextrid LTE	
Baracide	0
PHPA	0

PUMP 1	
Liner	140 mm
Pressure	kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

PUMP 2	
Liner	140 mm
Pressure	KPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	

LAST CASING	
Size	244 mm
Weight	53.60 Kg/m
Grade	K-55
Connection	Buttress
Joints	115
Length	245.50 m
Shoe	1359 m from RKB m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 17 **DFS:** 17 **DATE :** 15/04/04
2400 DEPTH : 1390 m **LAST DEPTH :** 1363 m **24 HR PROGRESS :** **PTD :**
TOTAL FUEL : **FUEL USAGE :** **DAYCOST : \$** **CUM. COST : \$**
0600 OPS : Tripped in hole with DST tools -set the packers-Opened tool at then ran DST # 1
Next 24 hr OPS:
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	7		Drilling	3.50	Density	1.23	S.G.
Size (mm)	216		Tripping	6.00	Viscosity	44	Sec
Make	Varel		Surveys		Water Loss	6.4	Cc
Type	CHIGMS		Rigged up		pH	8.50	Strip
IADC Code	1-1-7		Testing/tools	4.00	Filter Cake	1	32 nd
Serial Number	197685		Circulate Sample	2.00	PV / YP	16 / 23	Cp/lb/100'
Nozzles (32)	13-13-13		Casing		Gels	8 / 12 / 0	S/m
Depth in (m)	1363		Cementing		Sand	0.25	% Vol
Depth out (m)	1391		Surveys		Solids	8.7	% Vol
Total Metres	28		Circulate & Condition	6.00	Oil		% Vol
Hours	3.5		Rig Service/slip & cut		K+		Mg/l
WOB (kg)	7		Rig down bop		Chlorides	30000	Mg/l
RPM	100		Drill out Cmt	2.50	PHPA	0.30	
Condition	As new		Breakdown kelly		KCL	5.80	
Impact Force			Wait On Cement		Daily Cost \$	34,079	
Jet Velocity			Test BOPs		Cum Cost \$	85,516	

B.H.A.: 216mm bit-bit sub-10 x 6.25 inch drill collars -jars - 3 x 6.25 inch drill collars- 3 x HWDP

HOURLY OPERATIONS SUMMARY (0000 - 2400)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	0030	Tripped in hole to top of cement at 1342m	° at	m	FLC 2000 / Bent	84 / 2
0030	0100	Picked up Kelly and broke circulation	° at	m	Baryte / Baracor	467 / 1
0100		Drilled out cement-plugs -float collar and the shoe	° at	m	Barazan D Plus	3
	0330	then cleaned hole to bottom at 1363m	° at	m	KCL Tech / Sod as	48 / 2
0330		Circulated and conditioned mud then added FLC-	° at	m	Pac -L / Citric Ac	2 / 7
	0600	2000 into the system	° at	m	Sod -bi / PHPA	10 / 1
0600	0700	Drilled 216mm hole from 1363m to 1366m	° at	m	Caustic Soda	1
0700	0730	Circulated hole clean				
0730		Conducted F.I.T with 9.4ppg mud to 450 psi to give				
	0800	E.M.W of 11.4ppg				
0800	1000	Drilled 216mm hole from 1366m to 1381m				
1000	1100	Circulated sample				
1100	1130	Drilled 216mm hole from 1381m to 1391m				
1130		Circulated sample then built up the mud weight to				
	1530	10.2ppg (1.22 sg) Max gas units 3584				
1530	2000	Tripped out for D.S.T # 1				
2000	2400	Made up D.S.T tools				
		Reeves wireline loggers on site				
		A.M.C Mud engineer on site				
Dyers	704160	1 x load of Water				
Stoitse	299630	Mud haulage 4 pallets of Bayrte				
	1	JSA # 1 Loading pipe into bins				
	2	JSA # 42 Use fork lift stinger				
Days since	LTA	448				

PUMP 1			PUMP 2		
Liner	140	mm	Liner	140	mm
Pressure	6000	kPa	Pressure	6000	KPa
A.V. DP		m/min	A.V. DP		m/min
A.V. DC		m/min	A.V. DC		m/min
SPM			SPM		
LPM	280	gpm	LPM	280	gpm

CEMENT DATA		LAST CASING	
Sacks		Size	244 mm
Class		Weight	53.60 Kg/m
%		Grade	K-55
%		Connection	Buttress
%		Joints	115
%		Length	245.50 m
Av. Wt		Shoe	1359.00 m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 18 **DFS:** 18 **DATE :** 17/04/04
2400 DEPTH : 1391 **LAST DEPTH :** 1391m **24 HR PROGRESS :** PTD :
TOTAL FUEL : **FUEL USAGE :** **DAYCOST : \$** **CUM. COST : \$**
0600 OPS : Pressure testing surface equipment prior to opening tool for DST # 2
Next 24 hr OPS: DST then trip out -then possibly core or drill on
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number			Drilling		Density	1.23	S.G.
Size (mm)			Tripping	12.00	Viscosity	51	Sec
Make			Surveys		Water Loss	6.4	Cc
Type			Rigged up		pH	8.00	Strip
IADC Code			Testing/tools	9.50	Filter Cake	1	32 nd
Serial Number			Circulate Sample		PV / YP	18 / 28	Cp/lb/100'
Nozzles (32)			Casing		Gels	11 / 15 /0	S/m
Depth in (m)			Cementing		Sand	0.258.70	% Vol
Depth out (m)			Surveys		Solids	8.7	% Vol
Total Metres			Circulate & Condition	2.50	Oil		% Vol
Hours			Rig Service/slip & cut		K+		Mg/l
WOB (kg)			Rig down bop		Chlorides		Mg/l
RPM			Drill out Cmt		PHPA	0.30	
Condition			Breakdown kelly		KCL	5.80	
Impact Force			Wait On Cement		Daily Cost \$	4,176	
Jet Velocity			Test BOPs		Cum Cost \$	89,693	

B.H.A.: _____

HOURLY OPERATIONS SUMMARY (0000 - 2400)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	0130	Tripped in hole with DST tools	° at	m	FLC	5
0130	0230	Rigged up and tested surface equipment to 2000 psi	° at	m	Barazan D plus	5
0230	0430	Opened tool and performed DST # 1	° at	m	Baryte	102
0430		Released packer then reverse circulated hole until	° at	m	Baracide	1
	0530	mud in balance and gas free	° at	m	KCl Tech	
0530	0700	Circulated	° at	m	PHPA/Soda Ash	
0700	0730	Rigged down surface equipment	° at	m	Caustic Soda	1
0730	1330	Tripped out with tools	° at	m		
1330	1700	Made up and tripped in hole with 216mm bit to 1365m				
1700	1830	Washed from 1365m to 1391m (Some fill)				
1830	1930	Circulated hole clean				
1930	2330	Tripped out				
2330	2400	Made up tools for DST # 2				
Dyers	704267	Water haulage				
Stotise	297186	Mud delivery				
	1	ISA # 33 Changing elevators				
	2	ISA# 16 Tripping drill collars				
Days since	LTA	449				

PUMP 1			PUMP 2		
Liner	140	mm	Liner	140	mm
Pressure		kPa	Pressure		KPa
A.V. DP		m/min	A.V. DP		m/min
A.V. DC		m/min	A.V. DC		m/min
SPM			SPM		
LPM			LPM		

CEMENT DATA		LAST CASING	
Sacks		Size	244 mm
Class		Weight	53.60 Kg/m
%		Grade	K-55
%		Connection	Buttress
%		Joints	115
%		Length	1354.50 m
Av. Wt		Shoe	1359.00 m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 20 **DFS:** 20 **DATE :** 18/04/04
2400 DEPTH : 1428 **LAST DEPTH :** **PTD :**
TOTAL FUEL : 9100 **FUEL USAGE :** 1200 **DAYCOST : \$** **CUM. COST : \$**
0600 OPS : Laying out the DST tools
Next 24 hr OPS: Drill 216 mm hole with another possible test
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION		
Bit Number	8 RR # 7	
Size (mm)	216mm	
Make	Varel	
Type	CHIGMS	
IADC Code	1-1-7	
Serial Number	197685	
Nozzles (32)	13-13-13	
Depth in (m)	1391	
Depth out (m)	1428	
Total Metres	65	
Hours	10.0	
WOB (kg)	15	
RPM	90	
Condition	Good	
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	6.50
Tripping	9.00
D.S.T	5.50
Rigged up	
Testing/tools	2.00
Circulate Sample	
Casing	
Cementing	
Surveys	
Circulate & Condition	1.00
Rig Service/slip & cut	
Rig down bop	
Drill out Cmt	
Breakdown kelly	
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	1.23	S.G.
Viscosity	45	Sec
Water Loss	7.20	Cc
pH	9.00	Strip
Filter Cake	1.0	32 nd
PV / YP	45 / 15	Cp/lb/100'
Gels	11 / 15 / 0	S/m
Sand	0.25	% Vol
Solids	9.20	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	30,000	Mg/l
PHPA	0.10	ppb
KCL	5.60	% wt
Daily Cost	\$	4,556
Cum Cost	\$	94,250

B.H.A.: Bit -Bit sub-10 x 6.5in drill collars-Jars-3 x 6.5 in drill collars -3 x HWDP

HOURLY OPERATIONS SUMMARY (0000 - 2400)		
From	To	Operation
0000	0200	Tripped in hole with 216mm bit to 1389 m 2m fill
0200	0230	Picked up Kelly and washed to bottom at 1391m
0230	0900	Drilled 216 mm hole from 1391m to 1428m
0900	1000	Circulated sample
1000	1300	Tripped out for DST
1300	1400	Made up DST tools
1400	1800	Tripped in hole
1800	1830	Rigged up surface equipment then tested same
1830		Held safety meeting then ran DST # 2 shut tool in
	2400	at 22.15 hrs
Dyers	08769	Crane for Wombat # 1 to assist wire-line unit
	1	JSA # 16 DST Tripping
	2	JSA # General house keeping
Days since	LTA	459

SURVEYS	
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m

CHEMICALS USED	
Type	Amount
FLC 200	6
Baryte / Baracide	125 / 1
Barazan D	2
KCL Tech	32
Caustic	1
Baracor 129	3
Soda ash / Dextrid	1 / 2

PUMP 1	
Liner	140 mm
Pressure	6000 kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	50
LPM	

PUMP 2	
Liner	140 mm
Pressure	6000 KPa
A.V. DP	m/min
A.V. DC	m/min
SPM	50
LPM	

CEMENT DATA	
Sacks	
Class	
%	
%	
%	
%	
Av. Wt	

LAST CASING		
Size	244	mm
Weight	53.60	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	115	
Length	1354.5	m
Shoe	1359.00	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 22 **DFS:** 22 **DATE :** 20/04/04
2400 DEPTH : 1497 **LAST DEPTH :** 1461 m **24 HR PROGRESS :** 36 m **PTD :**
TOTAL FUEL : **FUEL USAGE :** **DAYCOST : \$** 40,457 **CUM. COST : \$** 1,102,278
0600 OPS : Circulated gas free after the DST then tripping out
Next 24 hr OPS: Cut core # 1
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	8 RR# 7		Drilling	7.50	Density	1.23	S.G.
Size (mm)	216mm		Tripping	7.00	Viscosity	47	Sec
Make	Varel		Surveys		Water Loss	6.0	Cc
Type	CHIGMS		Reaming		pH	9.00	Strip
IADC Code	1-1-7		Testing/tools	7.50	Filter Cake	1	32 nd
Serial Number	197685		Circulate Sample	1.00	PV / YP	47 / 15	Cp/lb/100'
Nozzles (32)	13-13-13		Casing		Gels	11 / 15 /0	S/m
Depth in (m)	1428		Cementing		Sand	0.30	% Vol
Depth out (m)	1497		Surveys		Solids	9.7	% Vol
Total Metres	69m Total 134m		Circulate & Condition	1.00	Oil		% Vol
Hours	27.50		Rig Service/slip & cut		ASG	3.006	
WOB (kg)	15		Rig down bop		Chlorides	31000	Mg/l
RPM	100		Drill out Cmt		PHPA		
Condition	2-2-NO-A-2-1-NO-DST		Breakdown kelly		KCL	5.70	% by wt
Impact Force	413.1 lb ft		Wait On Cement		Daily Cost	\$ 3,929	
Jet Velocity	254/ft sec		Test BOPs		Cum Cost	\$ 102,443	

B.H.A.: Bit-bit sub-2 x 6-1/2 in drill collars-Stabilizer-8 x 6-1/2 in drill collars-Jars- 3 x 6-1/2 in drill collars-3 x HWDP
 Installed stabilizer in the drill string.....reason for the light reaming

HOURLY OPERATIONS SUMMARY (0000 - 2400)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	0730	Drilled 216mm hole from 1461 m to 1497m	° at	m	FLC 2000	4
0730	0830	Circulated bottoms up sample	° at	m	Baracide / Baracor	1 / 2
0830	0930	Circulated gas free	° at	m	Dextrid LTE	6
0930	1300	Tripped out for DST # 3	° at	m	Barazan D plus	2
1300	1400	Made up DST tools	° at	m	KCl Tech / Baytre	20 / 75
1400	1730	Tripped in hole for DST	° at	m	Soda Ash / Pac L	1 / 4
1730	1800	Made up surface lines -Tested same -Held meeting	° at	m	Caustic Soda	2
1800	2000	Performed DST # 3				
2000	2300	Shut in for pressure build up				
2300	2400	Unseated packers -dropped bar -circulated				
Dyers	704721	Box cartage				
Dyers	704903	Water haulage				
Dyers	704846	Water haulage				
	1	JSA # 41 Derrick climbig				
	2	JSA #				
Days since	LTA 461					

PUMP 1			PUMP 2		
Liner	140	mm	Liner	140	mm
Pressure	6500	kPa	Pressure		KPa
A.V. DP	17.7	m/min	A.V. DP		m/min
A.V. DC	76.8	m/min	A.V. DC		m/min
SPM	55		SPM		
LPM	300	gpm	LPM		

CEMENT DATA		LAST CASING	
Sacks		Size	244 mm
Class		Weight	53.60 Kg/m
%		Grade	K-55
%		Connection	Buttress
%		Joints	115
%		Length	1354.50 m
Av. Wt		Shoe	1359.00 m

LAKE OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	23	DFS:	23	DATE :	21/04/04
2400 DEPTH :	1506	LAST DEPTH :	1497	24 HR PROGRESS :	9.0	PTD :	
TOTAL FUEL :	4500	FUEL USAGE :	1100	DAYCOST : \$	44,643	CUM. COST : \$	1,146,921
0600 OPS :	Recovering core # 1						
Next 24 hr OPS:	Drill ahead with 216 mm bit						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	Core bit # 1		Drilling		Density	1.24	S.G.
Size (mm)	216mm		Tripping	7.50	Viscosity	50	Sec
Make			Surveys		Water Loss	6.0	Cc
Type	CD 93		Reaming	1.50	pH	9.5	Strip
IADC Code			Testing/tools		Filter Cake	1	32 nd
Serial Number	7970035		Circulate Sample		PV / YP	50 / 16	Cp/lb/100
Nozzles (32)			Casing		Gels	12 / 16 / 0	S/m
Depth in (m)	1397 m		Cementing		Sand	0.30	% Vol
Depth out (m)	1506 m		Surveys		Solids	10.5	% Vol
Total Metres			Circulate & Condition	6.00	Oil		% Vol
Hours			Rig Service/slip & cut		ASG	2.990	
WOB (kg)			Rig down bop		Chlorides	33,000	Mg/l
RPM			Coring	5.00	PHPA		
Condition			Breakdown kelly		KCL	5.80	% by wt
Impact Force			Lay out DST tools	2.50	Daily Cost	\$	4,198
Jet Velocity			Make up Core barrel	1.50	Cum Cost	\$	106,641

B.H.A.:

[illegible][illegible]

PUMP 1		
Liner	140	mm
Pressure	3000	kPa
A.V. DP		m/min
A.V. DC		m/min
SPM	47	
LPM		

CEMENT DATA	
Sacks	
Class	
%	
%	
%	
%	
Av. Wt	

CHEMICALS USED	
Type	Amount
FLC 2000	5
Baracide / Baracor	2 / 1
Dextrid LTE	3
Barazan D plus	2
KCI Tech / Baytre	30 / 88
Pac L	1
Lime	7

PUMP 2	
Liner	140 mm
Pressure	KPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

LAST CASING		
Size	244	mm
Weight	53.60	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	115	
Length	1354.50	m
Shoe	1359.00	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 24 **DFS:** 24 **DATE :** 22/04/04
2400 DEPTH : 1550 m **LAST DEPTH :** 1506 m **24 HR PROGRESS :** 44 m **PTD :**
TOTAL FUEL : 13000 **FUEL USAGE :** 1400 **DAYCOST : \$** 38,476 **CUM. COST : \$** 1,185,397
0600 OPS : Tripped out for logging
Next 24 hr OPS: Log -wiper trip - lay out drill string
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	9 RR #7		Drilling	9.50	Density	1.23	S.G.
Size (mm)	216 mm		Tripping	9.50	Viscosity	45	Sec
Make	Varel		Surveys		Water Loss	6.40	Cc
Type	CHIGMS		Reaming		pH	9.50	Strip
IADC Code	1-1-7		Testing/tools		Filter Cake	1.00	32 nd
Serial Number	197685		Circulate Sample		PV / YP	45 / 14	Cp/lb/100'
Nozzles (32)	13-13-13		Casing		Gels	12 / 15 /0	S/m
Depth in (m)	1506		Cementing		Sand	0.25	% Vol
Depth out (m)			Surveys		Solids	9.60	% Vol
Total Metres	178		Circulate & Condition	2.00	Oil		% Vol
Hours	24.50		Rig Service/slip & cut		ASG	2.942	
WOB (kg)	15		Rig down bop		Chlorides	31,000	Mg/l
RPM	100		Coring		PHPA		
Condition	S.LH		Breakdown kelly		KCL	5.70	% by wt
Impact Force	491.6 lb/ft		Lay out DST tools		Daily Cost	\$	8,331
Jet Velocity	277 ft/sec		Make up Core barrel	3.00	Cum Cost	\$	114,972

B.H.A.: Bit-bit sub-2 drill collar-1 stab- 10 drill collar-1 jar -3 drill collar-3 hwdp - total 181.99m

HOURLY OPERATIONS SUMMARY (0000 - 2400)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	0030	Circulated then pumped pill for trip out	° at	m	FLC 2000	
0030	0530	Tripped out with core barrel	° at	m	Baracide / Baracor	5 / 32
0530	0800	Recovered the core 54 %	° at	m	Dextrid LTE	
0800	1230	Tripped in hole with 216 mm bit to 1506m	° at	m	Barazan D plus	17
1230	2200	Drilled 216mm hole from 1506m to 1550 m TD	° at	m	KCl Tech / Baytre	2 / 21
2200		Circulated bottoms up sample and wiper tripped to	° at	m	Pac L	3
	2330	to 1485m	° at	m	Caustic / Bara -D	3 / 2
2330	2400	Circulated				
Dyers	705887	Water haulage				
Dyers	705888	Water haulage				
	1	JSA # 21 Making up drill collar				
	2	JSA # Cleaning casing				
Days since	LTA 463					

PUMP 1		PUMP 2	
Liner	140 mm	Liner	140 mm
Pressure	7000 kPa	Pressure	KPa
A.V. DP	19.4 m/min	A.V. DP	m/min
A.V. DC	83.8 m/min	A.V. DC	m/min
SPM	50	SPM	
LPM	336 gpm	LPM	

CEMENT DATA		LAST CASING	
Sacks		Size	244 mm
Class		Weight	53.60 Kg/m
%		Grade	K-55
%		Connection	Buttress
%		Joints	115
%		Length	1354.50 m
Av. Wt		Shoe	1359.00 m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 25 **DFS:** 25 **DATE :** 23/04/04
2400 DEPTH : 1550 **LAST DEPTH :** 1550 **24 HR PROGRESS :** T.D **PTD :**
TOTAL FUEL : **FUEL USAGE :** **DAYCOST : \$** 60,303 **CUM. COST : \$** 1,245,700
0600 OPS : Laying out the drill collars
Next 24 hr OPS: Lay out BHA –Lay out the Kelly –Run 7 in Casing
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	9 RR #7		Drilling		Density	1.23	S.G.
Size (mm)	216 mm		Tripping	11.00	Viscosity	45	Sec
Make	Varel		Surveys	0.50	Water Loss	6.4	Cc
Type	CHIGMS		Reaming		pH	9.50	Strip
IADC Code	1-1-7		Wireline log	4.00	Filter Cake	1.0	32 nd
Serial Number	197685		Circulate Sample		PV / YP	45 / 16	Cp/lb/100'
Nozzles (32)	13-13-13		Casing		Gels	11/14/0	S/m
Depth in (m)	1506		Cementing		Sand	0.25	% Vol
Depth out (m)	1550		Surveys		Solids	10.1	% Vol
Total Metres	178		Circulate & Condition	7.00	Oil		% Vol
Hours	24.50		Rig Service/slip & cut		ASG	2.964	
WOB (kg)			Rig /Up logger	1.50	Chlorides	31,000	Mg/l
RPM			Coring		PHPA		
Condition			Breakdown kelly		KCL	6.80	% by wt
Impact Force			Lay out DST tools		Daily Cost	\$	858
Jet Velocity			Make up Core barrel		Cum Cost	\$	115,830

B.H.A.:	Bit –bit sub-2 drill collar-1 stab- 10 drill collar-1 jar -3 drill collar-3 hwdp – total 181.99m
----------------	--

HOURLY OPERATIONS SUMMARY (0000 – 2400)			SURVEYS			CHEMICALS USED	
From	To	Operation	1.50	° at	1550 m	Type	Amount
0000	0030	Circulated ,then dropped survey and pumped pill		° at	m	FLC 2000	
0030		Tripped out to log, layed out stabilizer and recovered		° at	m	Baracide	1
	0400	the survey		° at	m	Dextrid LTE	
0400	0500	Rigged up Reeves logger		° at	m	Barazan D plus	
0500	0900	Ran logs		° at	m	Baytre	30
0900	0930	Rigged down l ogger		° at	m	Pac L	3
0930	1300	Tripped in hole with bit for wiper trip		° at	m	Caustic / Bara -D	
1300	2000	Circulated and conditioned mud for the casing run					
2000	2400	Pull out laying out the drill string					
Stotise	298422	Pallet of drilling m ud FLC-2000					
Dyers	706127	Water haulage					
Dyers	705178	Water haulage					
	1	JSA # Laying out drillpipe					
	2	JSA # Running wireline logs					
Days since	LTA 464						

PUMP 1			PUMP 2		
Liner	140	mm	Liner	140	mm
Pressure		kPa	Pressure		KPa
A.V. DP		m/min	A.V. DP		m/min
A.V. DC		m/min	A.V. DC		m/min
SPM			SPM		
LPM			LPM		

CEMENT DATA		LAST CASING	
Sacks		Size	244 mm
Class		Weight	53.60 Kg/m
%		Grade	K-55
%		Connection	Buttress
%		Joints	115
%		Length	1354.50 m
Av. Wt		Shoe	1359.00 m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	<u>26</u>	DFS:	<u>26</u>	DATE :	<u>24/04/04</u>	
2400 DEPTH :	<u>1550 m</u>	LAST DEPTH :	<u>1550</u>	24 HR				
TOTAL FUEL :		FUEL USAGE :		PROGRESS :		PTD :		
0600 OPS :	<u>Dressing off the 7 inch casing stub ,to install the tubing spool</u>				DAYCOST : \$	<u>113,567</u>	CUM. COST : \$	<u>1,359,267</u>
Next 24 hr OPS:	<u>Install tubing spool and 7 inch BOP then run Reeves CBL and CCL. Pick up 2-7/8 tubing</u>							
Site Personnel:	<u>Lou DeVattimo - Supervisor</u>							

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number			Drilling		Density	1.23	S.G.
Size (mm)			Tripping		Viscosity	45	Sec
Make			Surveys		Water Loss	6.4	Cc
Type			Reaming		pH	9.0	Strip
IADC Code			Testing/tools		Filter Cake	1.0	32 nd
Serial Number			Circulate Sample		PV / YP	16 / 26	Cp/lb/100*
Nozzles (32)			Casing	10.50	Gels	11 / 14 / 0	S/m
Depth in (m)			Cementing	2.00	Sand	0.25	% Vol
Depth out (m)			Surveys		Solids	10.1	% Vol
Total Metres			Circulate & Condition	1.00	Oil		% Vol
Hours			Rig Service/slip & cut		ASG	2.964	
WOB (kg)			Rig down bop	3.50	Chlorides		Mg/l
RPM			Coring		PHPA		
Condition			Breakdown kelly		KCL	6.80	% by wt
Impact Force			Lay out drill string	7.00	Daily Cost \$	463	
Jet Velocity			Make up Core barrel		Cum Cost \$	116,293	

B.H.A.:

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0530	Continued to lay out the drill string
0530		Removed Drill collars from the pipe racks. Layed out
	0700	the Kelly
0700	0830	Rigged up for casing
0830	1730	Ran 178mm inch casing total 129 joints
1730	1830	Rigged up Halliburton-Held safety meeting -then
1830	1930	Circulated-Tested surface lines to 2000 psi
1930		Cemented the casing –then dropped plug.
		Displaced with 183 bbls of water and bumped plug
	2030	to 1000 psi held good
2030	2400	Raised the BOP to install casing slips
		Heavy rain all day
		DST Crew released today
		Reeves on standby
Dyers	705850	Water haulage
	1	JSA Casing
	2	JSA Casing
Days since	LTA	465

[illegible]

PUMP 1	
Liner	140 mm
Pressure	kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

CEMENT DATA	
Sacks	
Class	
%	
%	
%	
%	
Av. Wt	

CHEMICALS USED	
Type	Amount
FLC 2000	
Baracor 129	1
Dextrid LTE	
Barazan D plus	
Baytre	50
Pac L	
Caustic / Bara -D	

PUMP 2	
Liner	140 mm
Pressure	KPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

LAST CASING		
Size	178	mm
Weight	26	ppft
Grade		
Connection	Buttress	
Joints	129	
Length	1550.20	m
Shoe	1549.00	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 27 **DFS:** 27 **DATE :** 25/04/04
2400 DEPTH : 1550 m **LAST DEPTH :** 1550 **24 HR PROGRESS :** **PTD :**
TOTAL FUEL : **FUEL USAGE :** **DAYCOST : \$** 51,083 **CUM. COST : \$** 1,410,350
0600 OPS : Drilling out excess cement inside the casing at 1460m
Next 24 hr OPS: Clean hole to 1535m (Top of float collar) then mix and displace hole with brine/calcium chloride mix of 1.22 s.g
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN			MUD PROPERTIES		
Bit Number			Drilling			Density	1.23	S.G.
Size (mm)			Tripping			Viscosity	45	Sec
Make			Surveys			Water Loss	6.4	Cc
Type			Reaming			pH	9.0	Strip
IADC Code			Testing/tools			Filter Cake	1.0	32 nd
Serial Number			Circulate Sample			PV / YP	16 / 26	Cp/lb/100'
Nozzles (32)			Casing			Gels	11 / 14 / 0	S/m
Depth in (m)			Cementing			Sand	0.25	% Vol
Depth out (m)			Surveys			Solids	10.1	% Vol
Total Metres			Circulate & Condition			Oil		% Vol
Hours			Rig Service/slip & cut			ASG	2.964	
WOB (kg)			Rig down bop			Chlorides		Mg/l
RPM			Coring			PHPA		
Condition			Breakdown kelly			KCL	6.80	% by wt
Impact Force			Lay out drill string			Daily Cost	\$	123
Jet Velocity			Make up Core barrel			Cum Cost	\$	116,417

B.H.A.: 6 inch Bit - 2 x 4-3/4 inch drill collars -3-1/2 inch pipe

HOURLY OPERATIONS SUMMARY (0000 - 2400)		
From	To	Operation
0000	0400	Installed the casing slips
0400	0430	Cut off the casing landing joint
0430	0530	Layed out the BOP
0530	0630	Dressed off the 7 inch casing stub
0630	0830	Installed the tubing spool with secondary seal
0830		Reeves wireline tagged top of cement inside casing at
	1100	1434 m
1100	1130	Pressure tested tubing spool to 2000psi held ok
1130	1130	Installed the 7-1/16 BOP Changed rams to 3-1/2 in
1130		Loaded drill pipe onto racks strapped same then
	1930	picked up the 3-1/2 inch Kelly
1930		Made up 6 inch bit and ran in hole picking up drill
	2400	Pipe to tag top of cement inside the casing
		Geo services mud loggers released today
		Reeves on standby
Dyers	706137	Water haulage
Dyers	706136	Water haulage
Kennedy	24684	Received 160 jnts of 2-7/8 inch tubing ex Adelaide
	1	JSA 32 Laying out the BOP
	2	JSA 31 Picking up the BOP
Days since	LTA	466

SURVEYS		
° at		m
° at		m
° at		m
° at		m
° at		m
° at		m
° at		m
° at		m

CHEMICALS USED	
Type	Amount
Cical 60/16	10
Lime	1
Dextrid LTE	
Barazan D plus	
Baytre	
Pac L	
Caustic / Bara -D	

PUMP 1		
Liner	140	mm
Pressure		kPa
A.V. DP		m/min
A.V. DC		m/min
SPM		
LPM		

PUMP 2		
Liner	140	mm
Pressure		KPa
A.V. DP		m/min
A.V. DC		m/min
SPM		
LPM		

CEMENT DATA	
Sacks	241 Class A
Class	
%	
%	
%	
%	
Av. Wt	

LAST CASING		
Size	178	mm
Weight	26	ppft
Grade		
Connection	Buttress	
Joints	129	
Length	1550.20	m
Shoe	1549.00	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 28 **DFS:** 28 **DATE :** 26/04/04
2400 DEPTH : 1550 m **LAST DEPTH :** 1550 **24 HR PROGRESS :** **PTD :**
TOTAL FUEL : **FUEL USAGE :** **DAYCOST : \$** 34,565 **CUM. COST : \$** 1,444,915
0600 OPS : Laying out the 3 - 1/2 inch drill pipe
Next 24 hr OPS: Lay out pipe-Run CBL and CCL – Then make up the perforating assembly and pick up tubing
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number			Drilling		Density	1.22	S.G.
Size (mm)			Tripping		Viscosity	26	Sec
Make			Surveys		Water Loss		Cc
Type			Reaming		pH		Strip
IADC Code			Testing/tools		Filter Cake		32 nd
Serial Number			Circulate Sample		PV / YP		Cp/lb/100'
Nozzles (32)			Casing		Gels		S/m
Depth in (m)			Cementing		Sand		% Vol
Depth out (m)			Surveys		Solids		% Vol
Total Metres			Circulate & Condition		Oil		% Vol
Hours			Rig Service/slip & cut		ASG		
WOB (kg)			Rig down bop		Chlorides	200,000	Mg/l
RPM			Coring		PHPA		
Condition			Breakdown kelly		KCL	Brine fluid	% by wt
Impact Force			Lay out drill string		Daily Cost	\$	8,940
Jet Velocity			Make up Core barrel		Cum Cost	\$	125,358

B.H.A.: 6 inch Bit – 2 x 4-3/4 inch drill collars -3-1/2 inch pipe

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000		Continued to pick up pipe then tagged top of
	0400	cement at 1434m
0400	0430	Picked up the Kelly
0430	0700	Drilled out the top plug at 1434m and cement to 1448
0700	0730	Changed out piston rod packing on # 1 Mud pump
0730		Drilled out cement to 1536m and part of the bottom
	1430	plug above the float collar to establish correct depth
1430	1500	Circulated hole clean
1500	1600	Layed out the Kelly and swivel
1600	1800	Slipped and cut block line
1800		Unloaded salt and calcium chloride from trucks
	2000	filled mud tanks with water
2000	2400	Mixed Brine for annulus displacement
Stoitse	295979	Load of calcium chloride
Dyers	706165	Water
Dyers	706167	Water
Stoitse	297893	Salt haulage (Esso manifest # 67824)
Whiteline	2023389	Halliburton equipment for perforating
	1	JSA Running drillpipe
	2	JSA Laying out drill pipe
Days since	LTA	467

SURVEYS	
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m
° at	m

CHEMICALS USED	
Type	Amount
Calcium chloride	299
Salt 1200kg	2
Salt 25 kg	232
Baracor 100	2
Baytre	
Pac L	
Caustic / Bara -D	

PUMP 1	
Liner	140 mm
Pressure	kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

PUMP 2	
Liner	140 mm
Pressure	KPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

CEMENT DATA	
Sacks	
Class	
%	
%	
%	
%	
Av. Wt	

LAST CASING	
Size	178 mm
Weight	26 ppft
Grade	
Connection	Buttress
Joints	129
Length	1550.20 m
Shoe	1549.00 m

LAKES OIL Ltd

WELL :	WOMBAT-2	REPORT No. :	<u>29</u>	DFS:	<u>29</u>	DATE :	<u>27/04/04</u>
2400 DEPTH :	<u>1550 m</u>	LAST DEPTH :	<u>1550</u>	24 HR			
TOTAL FUEL :		FUEL USAGE :		PROGRESS :		PTD :	
0600 OPS :	<u>Running the perforating guns on the tubing string</u>			DAYCOST : \$	<u>41,572</u>	CUM. COST : \$	<u>1,487,307</u>
Next 24 hr OPS:	<u>Correlate top of guns setting depth with Reeves wireline –set packer-drop firing bar-flow the well</u>						
Site Personnel:	<u>Lou DeValtimo - Supervisor</u>						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number			Drilling		Density	1.22	S.G.
Size (mm)			Tripping		Viscosity	26	Sec
Make			Surveys		Water Loss		Cc
Type			Reaming		pH		Strip
IADC Code			Testing/tools		Filter Cake		32 nd
Serial Number			Circulate Sample		PV / YP		Cp/lb/100'
Nozzles (32)			Casing		Gels		S/m
Depth in (m)			Cementing		Sand		% Vol
Depth out (m)			Surveys		Solids		% Vol
Total Metres			Circulate & Condition		Oil		% Vol
Hours			Rig Service/slip & cut		ASG		
WOB (kg)			Rig down bop		Chlorides	200,000	Mg/l
RPM			Coring		PHPA		
Condition			Breakdown kelly		KCL	Brine /Cal Chl fluid %	
Impact Force			Lay out drill string		Daily Cost	\$	2,227
Jet Velocity			Make up Core barrel		Cum Cost	\$	127,585

B.H.A.: 6 inch Bit - 2 x 4-3/4 inch drill collars -3-1/2 inch pipe

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	0530	Mixed Brine to 1.22 sg then displaced the well
0530	1030	Layed out the drillpipe and BHA
1030	1530	Reeves ran CBL-VDL-CCL
1530	2000	Prepared the 2-7/8 inch tubing
2000		Made up the Gun assembly and started to pick up
	2400	tubing
		Mud engineer released today
Dyers	706490	Delivery of crate with wellhead equipment
Dyers	706413	3 hrs Semi -hire
Dyers	706682	Water
Roma T	8465	Haulage of DST equipment back to Roma
Halliburton	35293	Engineer field ticket (already in costs)
Dyers	08809	Crane to load out DST container
Kwik Tip		4 Loads of waste haulage to Stratbroke
	1	JSA# 33 Changing elevators
	2	JSA Laying out drill pipe
Days since	LTA	468

[illegible]

PUMP 1	
Liner	140 mm
Pressure	kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

CEMENT DATA	
Sacks	
Class	
%	
%	
%	
%	
Av. Wt	

CHEMICALS USED	
Type	Amount
Cadium chloride	84
Salt 1200kg	
Salt 25 kg	96
Baracor 100	
Baytre	
Pac L	
Caustic / Bara -D	

PUMP 2	
Liner	140 mm
Pressure	KPa
A. V. DP	m/min
A. V. DC	m/min
SPM	
LPM	

LAST CASING		
Size	178	mm
Weight	26	ppfl
Grade		
Connection	Buttress	
Joints	129	
Length	1550.20	m
Shoe	1549.00	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL :	WOMBAT-2	REPORT No. :	1	DFS:	0.5	DATE :	9/07/04
2400 DEPTH :		LAST DEPTH :		24 HR			
TOTAL FUEL :		FUEL USAGE :		PROGRESS :		PTD :	
0600 OPS :				DAYCOST : \$		CUM. COST : \$	
Next 24 hr OPS:							
Site Personnel: Lou DeVattimo - Supervisor							

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number			Drilling		Density	1.22	S.G.
Size (mm)			Tripping		Viscosity	26	Sec
Make			Surveys		Water Loss		Cc
Type			Reaming		pH		Strip
IADC Code			Testing/tools		Filter Cake		32 nd
Serial Number			Circulate Sample		PV / YP		Cp/lb/100'
Nozzles (32)			Casing		Gels		S/m
Depth in (m)			Cementing		Sand		% Vol
Depth out (m)			Surveys		Solids		% Vol
Total Metres			Circulate & Condition		Oil		% Vol
Hours			Rig Service/slip & cut		ASG		
WOB (kg)			Rig down bop		Chlorides	200,000	Mg/l
RPM			Coring		PHPA		
Condition			Breakdown kelly		KCL	Brine /Cal Chl fluid %	
Impact Force			Lay out drill string		Daily Cost	\$	
Jet Velocity			Make up Core barrel		Cum Cost	\$	127,585

B.H.A.:

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
12:00		Hunt Rig on Workover Day Rate
Days since	LTA	468

SURVEYS	
° at	m
° al	m
° al	m
° at	m
° at	m
° at	m
° at	m
° at	m

CHEMICALS USED	
Type	Amount
Caesium chloride	
Salt 1200kg	
Salt 25 kg	
Baracor 100	
Baytre	
Pac L	
Caustic / Bara -D	

PUMP 1	
Liner	140 mm
Pressure	kPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

PUMP 2	
Liner	140 mm
Pressure	KPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
LPM	

CEMENT DATA	
Sacks	
Class	
%	
%	
%	
%	
Av. Wt	

LAST CASING		
Size	178	mm
Weight	26	ppft
Grade		
Connection	Buttress	
Joints	129	
Length	1550.20	m
Shoe	1549.00	m

LAKES OIL Ltd

DAILY DRILLING REPORT

WELL : WOMBAT-2 **REPORT No. :** 21 **DFS:** 21 **DATE :** 19/04/04
2400 DEPTH : 1461 m **LAST DEPTH :** 1428 m **24 HR PROGRESS :** 33 **PTD :** _____
TOTAL FUEL : 7800 **FUEL USAGE :** 1300 **DAYCOST : \$** 30,208 **CUM. COST : \$** 1,078,004
0600 OPS : Drilling 216mm hole at 1481m
Next 24 hr OPS: Drill ahead
Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	8 RR# 7		Drilling	10.00	Density	1.23	S.G.
Size (mm)	216mm		Tripping	7.50	Viscosity	45	Sec
Make	Varel		Surveys		Water Loss	7.2	Cc
Type	CHIGMS		Reaming	2.50	pH	9.00	Strip
IADC Code	1-1-7		Testing/tools	4.00	Filter Cake	1	32 nd
Serial Number	197685		Circulate Sample		PV / YP	45 / 13	Cp/lb/100'
Nozzles (32)	13-13-13		Casing		Gels	10 / 14 /0	S/m
Depth in (m)	1428		Cementing		Sand	0.25	% Vol
Depth out (m)	S.I.H		Surveys		Solids	9.7	% Vol
Total Metres	So far 98		Circulate & Condition		Oil		% Vol
Hours	So far 20		Rig Service/slip & cut		ASG	2.997	
WOB (kg)	15		Rig down bop		Chlorides	30000	Mg/l
RPM	100		Drill out Cmt		PHPA		
Condition	Drilling		Breakdown kelly		KCL	5.70	% by wt
Impact Force	413.1 lb ft		Wait On Cement		Daily Cost \$	4,263	
Jet Velocity	254/ft sec		Test BOPs		Cum Cost \$	98,514	

B.H.A.: Bit-bit sub-2 x 6-1/2 in drill collars-Stabilizer-8 x 6-1/2 in drill collars-Jars- 3 x 6-1/2 in drill collars-3 x HWDP
 Installed stabilizer in the drill string.....reason for the light reaming

HOURLY OPERATIONS SUMMARY (0000 - 2400)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000		D.S.T # 2 shut in - released packer-dropped bar then	° at	m	FLC 2000	6
		chased with 539 strokes of mud and reversed	° at	m	Baracide / Baracor	4 /
	0130	circulated	° at	m	Dextrid LTE	8
0130	0200	Circulated then flow checked well -pumped pill	° at	m	Barazan D plus	1
0200	0230	Rigged down DST tools	° at	m	KCl Tech	20
0230	0600	Tripped out with Tools	° at	m	PHPA/Soda Ash	1 / 1
0600	0730	Layed out tools	° at	m	Caustic Soda	2
0730	1130	Made up bit then tripped in hole to 1400m				
1130	1400	Light reamed from 1400m to bottom at 1428 m				
1400	2400	Drilled 216mm hole 1428m to 1461 m				
Dyers	704719	Water haulage				
	1	JSA # 22 Breaking out drill collars				
	2	JSA # 9 Making up the drill bit				
Days since	LTA	460				

PUMP 1			PUMP 2		
Liner	140	mm	Liner	140	mm
Pressure	6500	kPa	Pressure		KPa
A.V. DP	17.7	m/min	A.V. DP		m/min
A.V. DC	76.8	m/min	A.V. DC		m/min
SPM	55		SPM		
LPM	300	gpm	LPM		

CEMENT DATA		LAST CASING	
Sacks		Size	244 mm
Class		Weight	53.60 Kg/m
%		Grade	K-55
%		Connection	Buttress
%		Joints	115
%		Length	1354.50 m
Av. Wt		Shoe	1359.00 m