



# 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 : \$** \_\_\_\_\_    **CUM. COST : \$** 223,755  
**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)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	0030	Rigged up for running casing	° at	m	Bentonite	
0030		Ran 24 joints of 340mm Casing, attempted to run the last joint , however the pipe became differentially stuck	° at	m	Sodium Sulphite	
	0400	Rigged up to circulate	° at	m	Wildcat 420	
0400		Attempted to circulate the last joint down with no	° at	m	Drillzan	
	0530	Result . Shoe depth at 283m from RKB	° at	m	KCl Tech	
0530	0600	Rigged up Halliburton	° at	m	PHPA/Soda Ash	
0600	0730	Circulated	° at	m	Caustic Soda	
0730	0800	Held safety meeting then pressure tested lines				
0800		Cemented the casing -Displaced -bumped plug to	PUMP 1		PUMP 2	
	1030	7000 ka held good	Liner	140 mm	Liner	140 mm
1030	1430	W.O.C , cleaned mud pits	Pressure	kPa	Pressure	3500 KPa
1430		Removed conductor pipe then installed the 13-5/8 "	A.V. DP	m/min	A.V. DP	m/min
	2400	Bradenhead	A.V. DC	m/min	A.V. DC	m/min
			SPM		SPM	
			LPM		LPM	
			CEMENT DATA		LAST CASING	
Dyers	701141	2 x Loads water Dyers	Sacks Halliburton	598	Size	340 mm
Dyers	701724	25 sx of cement for top up job 13-3/8 inch casing	Class Bulk	"A"	Weight	54.50 Kg/m
Dyers	701768	1 x Load of Water	%		Grade	K-55
	1	Pre tour safety meeting on Running Casing	%		Connection	Buttress
	2	J.S.A # 42 on fork lift use	%		Joints	24
Days since	LTA	442	%		Length	283 m
			Av. Wt		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**  
**TOTAL FUEL :** \_\_\_\_\_ **FUEL USAGE :** \_\_\_\_\_ **PROGRESS:** \_\_\_\_\_ **PTD :** \_\_\_\_\_  
**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

SURVEYS		
° 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. :** 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		OPS BREAKDOWN		MUD PROPERTIES	
Bit Number	2	Drilling	16.00	Density	1.13 S.G.
Size (mm)	311	Tripping	2.00	Viscosity	51 Sec
Make	Varel	Surveys		Water Loss	7.4 Cc
Type	TGR	Rigged up BOP	2.0	pH	8.0 Strip
IADC Code	1-1-5	Testing/tools		Filter Cake	1 32 nd
Serial Number	4342038	Circulate Sample		PV / YP	13/28 Cp/lb/100'
Nozzles (32)	18-18-18	Casing		Gels	10/12 S/m
Depth in (m)	305	Cementing		Sand	0.75 % Vol
Depth out (m)		Surveys	0.5	Solids	7 % Vol
Total Metres	240	Circulate & Condition	1.50	Oil	% Vol
Hours	16	Rig Service/slip & cut		K+	Mg/l
WOB (kg)	7000	Rig down bop		Chlorides	18000 Mg/l
RPM	120	Drill out Cmt	1.0	PHPA	0.15
Condition	S.I.H	Breakdown kelly		KCL	3.5 %
Impact Force		Wait On Cement		Daily Cost \$	5099
Jet Velocity		Test BOPs	1.0	Cum Cost \$	13946

**B.H.A.:** 311 mm Bit-bit sub with float and toco 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	0.25	° at 448 m	Type	Amount
0000		Made up the flowline, centralized the BOP, installed		° at 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				
1500	1530	Ran wireline survey at 448 m				
1530	2400	Drilled 311 mm hole from 459m to 545m				
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				

PUMP 1		PUMP 2	
Liner	140 mm	Liner	140 mm
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











# LAKES OIL Ltd

## DAILY DRILLING REPORT

**WELL :** WOMBAT-2 **REPORT No. :** 9 **DFS:** 9 **DATE :** 7<sup>th</sup> April 2004  
**2400 DEPTH :** 1057 **LAST DEPTH :** 920m **24 HR**  
**TOTAL FUEL :** 9470 **FUEL USAGE :** 2270 **PROGRESS:** 137 **PTD :** \_\_\_\_\_  
**0600 OPS :** Drilling 311mm hole at 1088m with Bit #3 **DAYCOST : \$** 29,732 **CUM. COST : \$** 514,290  
**Next 24 Hrs Op** Continue drilling 311mm hole , possible short wiper trip back to 900m  
**Site Personnel:** Lou DeVattimo - Supervisor

BIT INFORMATION		OPS BREAKDOWN		MUD PROPERTIES	
Bit Number	3	Drilling	18.50	Density	1.22 S.G.
Size (mm)	311 mm	Tripping	4.50	Viscosity	50 Sec
Make	Varel	Surveys		Water Loss	5.8 Cc
Type	ETRIGJMS	Rigged up		pH	8.5 Strip
IADC Code	1-1-5	Testing/tools		Filter Cake	1.0 32 nd
Serial Number	179020	Circulate Sample		PV / YP	16 / 28 Cp/lb/100'
Nozzles (32)	18-18-18-18	Casing		Gels	10 / 17 / 0 Lbs/100 ft
Depth in (m)	920 m	Cementing		Sand	0.75 % Vol
Depth out (m)		Surveys		Solids	7.5 % Vol
Total Metres	137	Circulate & Condition	1.00	Oil	% Vol
Hours	18.50	Rig Service/slip & cut		K+	Mg/l
WOB (kg)	10	Rig down bop		Chlorides	32000 Mg/l
RPM	100	Drill out Cmt		PHPA	1.40 ppb
Condition	S.I.H	Breakdown kelly		KCL	6.00 %
Impact Force		Wait On Cement		Daily Cost \$	5,087
Jet Velocity		Test BOPs		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

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

PUMP 2	
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	

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**  
**TOTAL FUEL :** 6370 **FUEL USAGE :** 3100 **PROGRESS:** 90 **PTD :** \_\_\_\_\_  
**0600 OPS :** On bottom with Bit # 4 **DAYCOST : \$** 29,741 **CUM. COST : \$** 544,031  
**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 Cnt		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. :** 13 **DFS:** 13 **DATE :** 11/04/04  
**2400 DEPTH :** 305m **LAST DEPTH :** 305m **PROGRESS:** \_\_\_\_\_ **PTD :** \_\_\_\_\_  
**TOTAL FUEL :** \_\_\_\_\_ **FUEL USAGE :** \_\_\_\_\_ **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 % wom		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)			SURVEYS			CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount	
0000	0700	Drilled 311mm hole with bit # 5 from 1307m-1349m	° at	m	Barazan D	2	
0700		Drill string torqued up while drilling then spun backwards which caused the drill string to back off at approx 963m	° at	m	Sodium Sulphite		
0730	0730	Tripped out with the backed off pipe , the connections were tight	° at	m	Barite	25	
1130	1130	Made up and ran the Hunt energy over-shot dressed with a 6.125 inch spiral grapple to top of fish then engaged same and tripped out with the assembly.	° at	m	Dextrid LTE	4	
2300	2300	Inspected the drill bit , layed out the stabilizer and prepared to run back in hole with the same bit to continue drilling	° at	m	KCI Tech	30	
2400	2400		° at	m	PHPA / Pac -R	1/ 1	
			° at	m	Baracide	1	
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					

  

PUMP 1			PUMP 2		
Liner	140	mm	Liner	140	mm
Pressure	8000	kPa	Pressure	8000	KPa
A.V. DP		m/min	A.V. DP		m/min
A.V. DC		m/min	A.V. DC		m/min
SPM	50		SPM	50	
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





# 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 Cnt		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)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	0030	Rigged up th BOP	° at	m	KCL	10
0030	0330	Pressure tested the "B" section to 2000 psi held good	° at	m	Dextrid LTE	200
0330		Made up the BOP to the "B" section and auxillary	° at	m	Potassium chloride	
	1030	equipment then flushed and functioned tested same	° at	m	Pac -R	
1030		Pressure tested Blind rams-Kill valves-Choke valves	° at	m	Dextrid LTE	
	1130	to 14,000 kpa all held good	° at	m	Baracide	0
1130	1300	Slipped and cut block line	° at	m	PHPA	0
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				

  

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 Halliburton		Size	244 mm
Class Bulk		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 **PROGRESS :** 24 HR **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. :** 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			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	8 RR # 7		Drilling	6.50	Density	1.23	S.G.
Size (mm)	216mm		Tripping	9.00	Viscosity	45	Sec
Make	Varel		D.S.T	5.50	Water Loss	7.20	Cc
Type	CHIGMS		Rigged up		pH	9.00	Strip
IADC Code	1-1-7		Testing/tools	2.00	Filter Cake	1.0	32 nd
Serial Number	197685		Circulate Sample		PV / YP	45 / 15	Cp/lb/100'
Nozzles (32)	13-13-13		Casing		Gels	11 / 15 / 0	S/m
Depth in (m)	1391		Cementing		Sand	0.25	% Vol
Depth out (m)	1428		Surveys		Solids	9.20	% Vol
Total Metres	65		Circulate & Condition	1.00	Oil		% Vol
Hours	10.0		Rig Service/slip & cut		K+		Mg/l
WOB (kg)	15		Rig down bop		Chlorides	30,000	Mg/l
RPM	90		Drill out Cmt		PHPA	0.10	ppb
Condition	Good		Breakdown kelly		KCL	5.60	% wt
Impact Force			Wait On Cement		Daily Cost \$	4,556	
Jet Velocity			Test BOPs		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)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	0200	Tripped in hole with 216mm bit to 1389 m 2m fill	° at	m	FLC 200	6
0200	0230	Picked up Kelly and washed to bottom at 1391m	° at	m	Baryte / Baracide	125 / 1
0230	0900	Drilled 216 mm hole from 1391m to 1428m	° at	m	Barazan D	2
0900	1000	Circulated sample	° at	m	KCL Tech	32
1000	1300	Tripped out for DST	° at	m	Caustic	1
1300	1400	Made up DST tools	° at	m	Baracor 129	3
1400	1800	Tripped in hole	° at	m	Soda ash / Dextrid	1 / 2
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					

  

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	50	SPM	50
LPM		LPM	

  

CEMENT DATA		LAST CASING	
Sacks		Size	244 mm
Class		Weight	53.60 Kg/m
%		Grade	K-55
%		Connection	Buttress
%		Joints	115
%		Length	1354.5 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 **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	
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	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. :** 27 **DFS:** 27 **DATE :** 25/04/04  
**2400 DEPTH :** 1550 m **LAST DEPTH :** 1550 **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)			SURVEYS			CHEMICALS USED	
From	To	Operation	° at		m	Type	Amount
0000	0400	Installed the casing slips	° at		m	Cical 60/16	10
0400	0430	Cut off the casing landing joint	° at		m	Lime	1
0430	0530	Layed out the BOP	° at		m	Dextrid LTE	
0530	0630	Dressed off the 7 inch casing stub	° at		m	Barazan D plus	
0630	0830	Installed the tubing spool with secondary seal	° at		m	Baytre	
0830		Reeves wireline tagged top of cement inside casing at	° at		m	Pac L	
	1100	1434 m	° at		m	Caustic / Bara -D	
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	#66					

  

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	241 Class A	Size	178 mm
Class		Weight	26 ppft
%		Grade	
%		Connection	Buttress
%		Joints	129
%		Length	1550.20 m
Av. Wt		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

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

## DAILY DRILLING REPORT

WELL : WOMBAT-2 REPORT No. : 1 DFS: 0.5 DATE : 9/07/04

2400 DEPTH : \_\_\_\_\_ LAST DEPTH : \_\_\_\_\_ PROGRESS : \_\_\_\_\_ PTD : \_\_\_\_\_

TOTAL FUEL : \_\_\_\_\_ FUEL USAGE : \_\_\_\_\_ DAYCOST : \$ \_\_\_\_\_ CUM. COST : \$ \_\_\_\_\_

0600 OPS : \_\_\_\_\_

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)			SURVEYS			CHEMICALS USED	
From	To	Operation	° at		m	Type	Amount
12:00		Hunt Rig on Workover Day Rate	° at		m	Caesium chloride	
			° at		m	Salt 1200kg	
			° at		m	Salt 25 kg	
			° at		m	Baracor 100	
			° at		m	Baytre	
			° at		m	Pac L	
			° at		m	Caustic / Bara -D	
Days since	LTA 468						

  

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	178 mm
Class		Weight	26 ppft
%		Grade	
%		Connection	Buttress
%		Joints	129
%		Length	1550.20 m
Av. Wt		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** 33 **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 chased with 539 strokes of mud and reversed	° at	m	FLC 2000	6
	0130	circulated	° at	m	Baracide / Baracor	4 /
0130	0200	Circulated then flow checked well -pumped pill	° at	m	Dextrid LTE	8
0200	0230	Rigged down DST tools	° at	m	Barazan D plus	1
0230	0600	Tripped out with Tools	° at	m	KCl Tech	20
0600	0730	Layed out tools	° at	m	PHPA/Soda Ash	1 / 1
0730	1130	Made up bit then tripped in hole to 1400m	° at	m	Caustic Soda	2
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