LAKES OIL
WOMBAT # 2
DST REPORTS

DST # 1
REPORT

COMPANY:	Lakes Oil		**State:**	Vict	**Date:** 16/04/2004
Well Name:	Wombat # 2		**KB Elev:**	14.65 m	**Ticket No:** 573
Well Loc:	PEP 157		**GR Elev:**	11 m	**DST No:** 1
Interval:	1355.64 - 1390 m	**T.D. (m):** 1390 m	**Test Type**	Conventional bottom hole	

RECORDER DATA :

Rec #		6883	3149	6886	6885
Range lbs		10 k	3800	10 k	10 k
Clock hrs		Battery	24	Battery	Battery
Depth m		1341.69	1348.24	1349.8	1372.63
	PSI	**PSI**	**PSI**	**PSI**	**PSI**
Initial Hydrostatic				2432.86	2450.49
Initial Preflow				188.53	196.65
Final Preflow				576.93	729.99
Initial Shutin					
Initial Flow					
Final Flow					
Final Shutin			493.65	1887.03	1898.2
Final Hydrostatic				2414.25	2439.63
Inside / Outside	Fluid	Fluid	In	In	Out

TIME DATA :

			Time Start	Time End
Preflow	15	mins	2:45	3:00
Initial Shutin	30	mins	3:00	3:30
Initial Flow	30	mins	3:30	4:00
Final Shutin	30	mins	4:00	4:30

Time Start	20:00	**On Bottom**	2:43	**Time Open**	2:45	**Time Pulled**	4:30	**Time Out**	13:30

TOOL DATA :

Tool Weight	7 k	lbs
Weight Set on Packers	40 k	lbs
Weight Pulled Loose		lbs
Initial String Weight	90 k	lbs
Hole Size	8.5	ins
Bottom Hole Choke	0.75	ins

	ID	Length
Drill Pipe	3.826 ins	1198.2 m
HW Drill Pipe	2 15/16ins	9.50 m
Drill Collars	2 7/8ins	122.79 m

FLUID RECOVERY :

	(m) of	
	(m) of	
	(m) of	
	(m) of	
	Total Fluid	

MUD DATA :

Mud Type	Kcl / polymer
Weight	10.4
Vis.	44
W.L.	6.4
F.C.	1\32
Mud Drop	Nil

BLOW DESCRIPTION AND REMARKS :

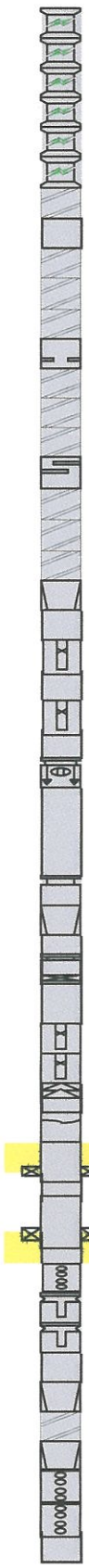
GAS FLOW RATES :

Comments	TIME (mins)	CHOKE	PSI	M CF/D
Tool open	2:45			
Open thru 1/4 choke 220 psi	2:50	1/4	220	
Gas to surface @ 46 psi	2:57		46	
Shut in tool @ 46 psi . 2/3 metre flare	3:00			
Bubble on top of bucket weak	3:30			
Shut in tool . Buuble 1 in in bucket weak	4:00			
Pull out of hole .	4:30			
Comments - Tool plugged 9 mins into first flow . Top of tool				
tightly packed with formation sand .				
Due to sand packing wash pipe snaped when unscrewing to redress Shut-in tool				
Shut in tool was replaced (Learjet flight to DST Roma)				

GENERAL DATA :

Amount of Fill (m):	0	**Cushion Amount (m):**	Nil	**Tester:**	Chad McGuinn/Jason Noud
Bottom Hole Temp (F):	139.67	**Cushion Type:**	N.A.	**Company Rep:**	Lou De Vattimo
Hole Condition:	Good	**Reversed Out:**	Yes	**Contractor:**	Hunt
Packer Size:	7 1/2	**Tool Chased:**	No	**Rig Number:**	2
Number of Packers:	2				

COMPANY:	Lakes Oil		**DATE:**	15/04/2004	
WELL NAME:	Wombat # 2		**DST #**	1	
FORMATION:	Golden Beach				
TESTER:	Chad McGuinn / Jason Noud				



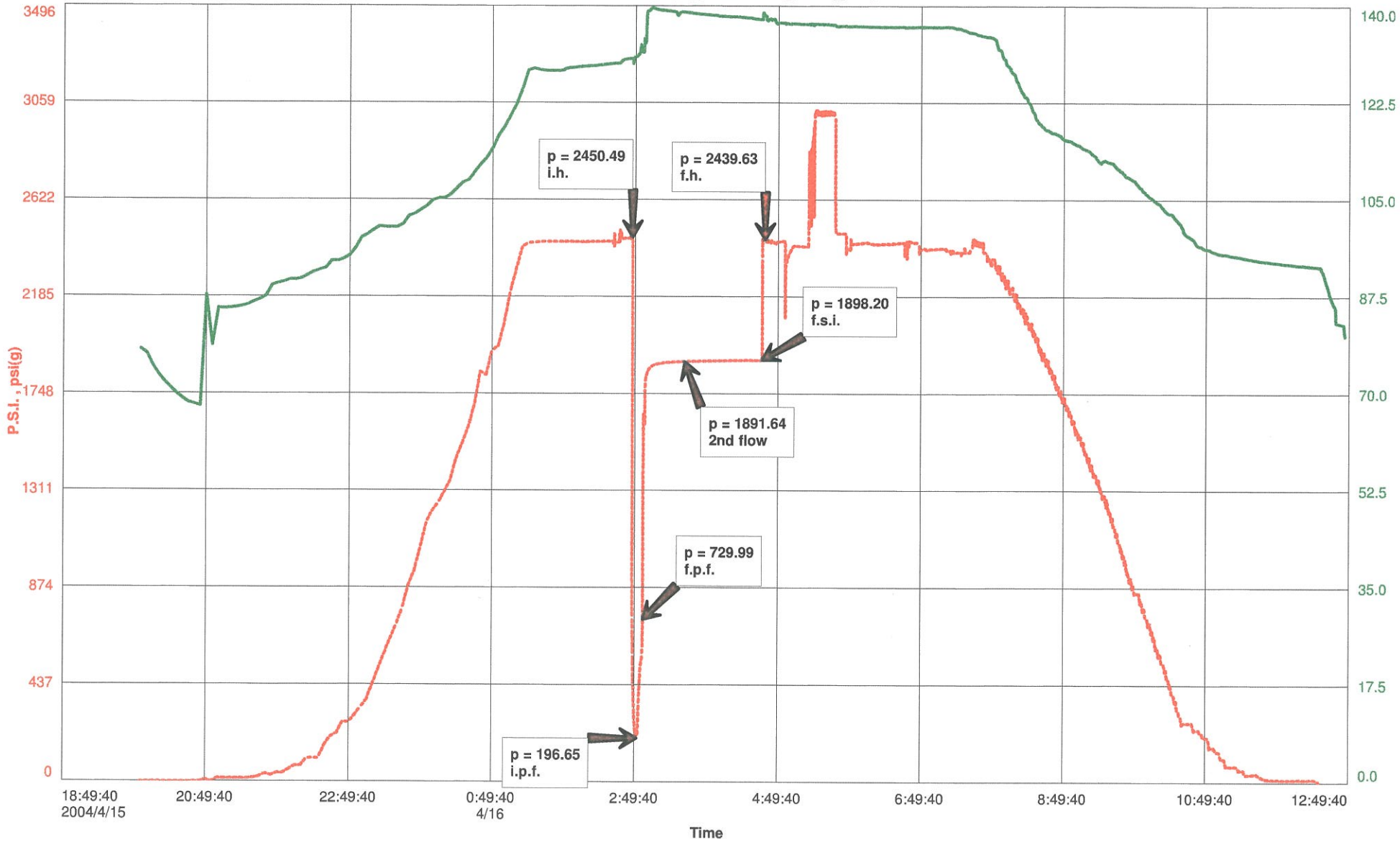
Drill Pipe				
Pup Joint				
Drill Pipe				
HWDP				
Drill Collars				
Drill Collars	Total Tool To Bottom Packer			18.58
	Tool Interval			16.10
	Total Tool			**34.68**
	H.W. In Interval		1 std	18.26
Pump out sub	Drill Collars Above Tool		6 stds + 1	122.79
	Jars			9.59
Drill Collars	HWDP Above Tool		1	9.50
	Drill Pipe Above Tool			1198.20
Drop bar sub	Pup Joint/s Above Tool		63 stds + 1	0
	Total			**1393.02**
Drill collar	***STICK UP***		**-2.02**	
	Drill Pipe	63 stds + 1	1198.2	-2.02
X-over	Pup Jt/s			1196.18
	Drill Pipe			1196.18
Rec.carrier	H.W. Drill Pipe	1	9.50	1196.18
	Drill Collars	1 st + 1	28.14	1205.68
Rec.carrier	Jars		9.59	1233.82
	Drill Collars	4 stds	75.80	1243.41
Shut-in tool	Pump Out Sub		0.30	1319.21
	Drill Collar	1	9.49	1319.51
Sampler	Drop Bar Sub		0.30	1329.00
	Drill Collar	1	9.36	1329.30
Travel sub	Cross Over		0.40	1338.66
	Spacing		3.63	1339.06
	Fluid Electronic Rec Carrier		1.55	1342.69
Hydraulic tool	Shut in Tool		1.70	1344.24
	Sampler		1.20	1345.94
Rec Carrier	Travel Sub		0.46	1347.14
Rec Carrier	Hyd Tool		1.68	1347.60
Jar	Inside Mechanical Rec Carrier		1.52	1349.28
Safety joint	Inside Electronic Rec Carrier		1.83	1350.80
Packer	Jars		0.00	1352.63
	Safety Joint		0.66	1352.63
Packer	Packer		2.31	1353.29
	Packer		1.04	1355.60
Perf	***DEPTH***		**1356.64**	
Rec Carrier	Stick Down		1.01	1356.64
Rec Carrier	Perf		6.08	1357.65
	Outside Electronic Rec Carrier		1.52	1363.73
X- Over	Perf		4.56	1365.25
HWDP	Cross Over		0.40	1369.81
X- Over	H.W. Drill Pipe	1 std	18.26	1370.21
Perf	Cross Over		0.40	1388.47
	Perf		1.52	1388.87
Bull Nose	Bullnose		0.61	1390.39
	TOTAL DEPTH		**1391.00**	

DST # 1
PLOTS AND DATA

Lakes Oil
Gauge set @ 1372.63m
Start Test Date: 2004/04/15

Outside recor

Wombat # 2 DST # 1



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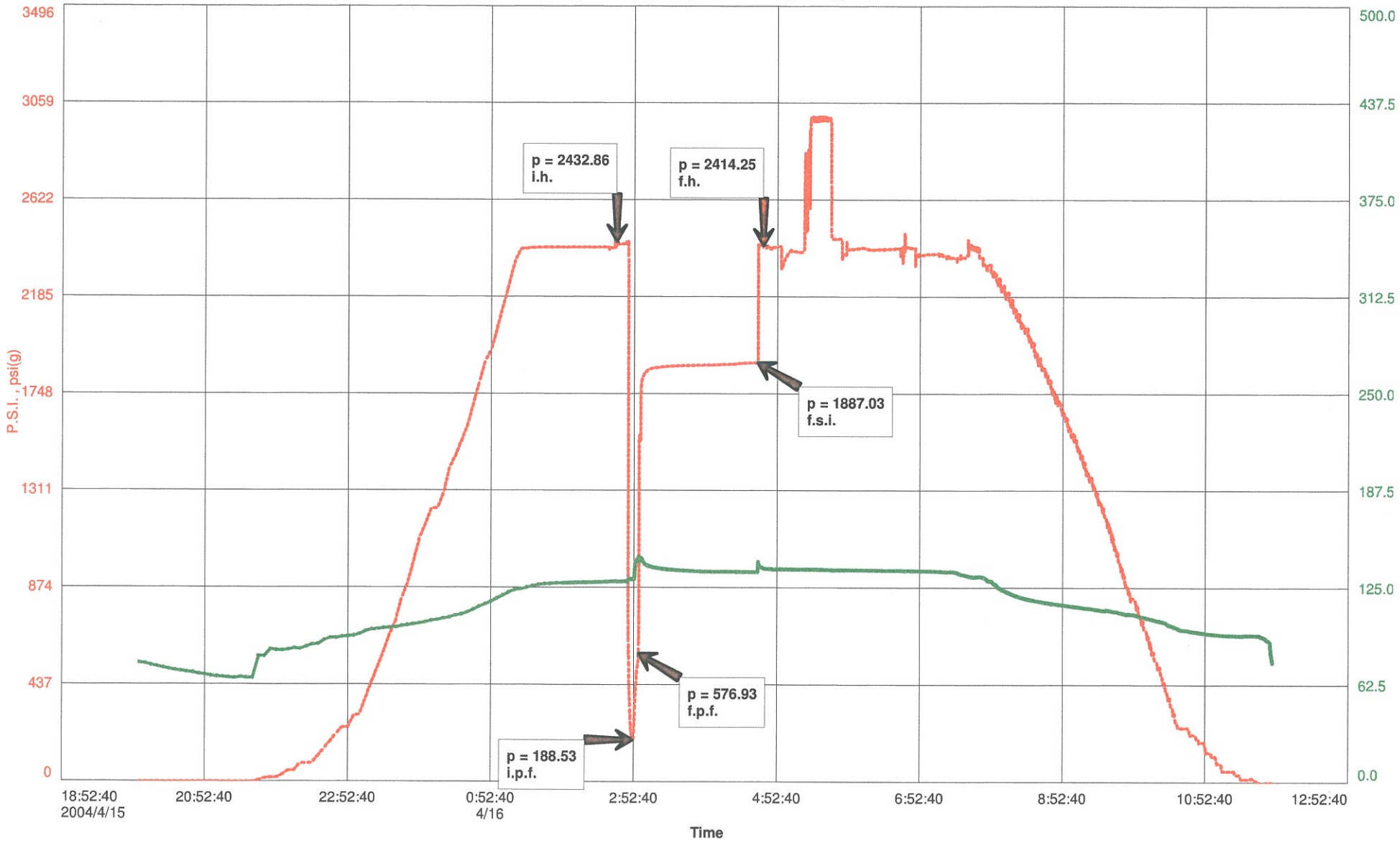
Lakes Oil
Gauge set @ 1349.8m
Start Test Date: 2004/04/15

Inside recor

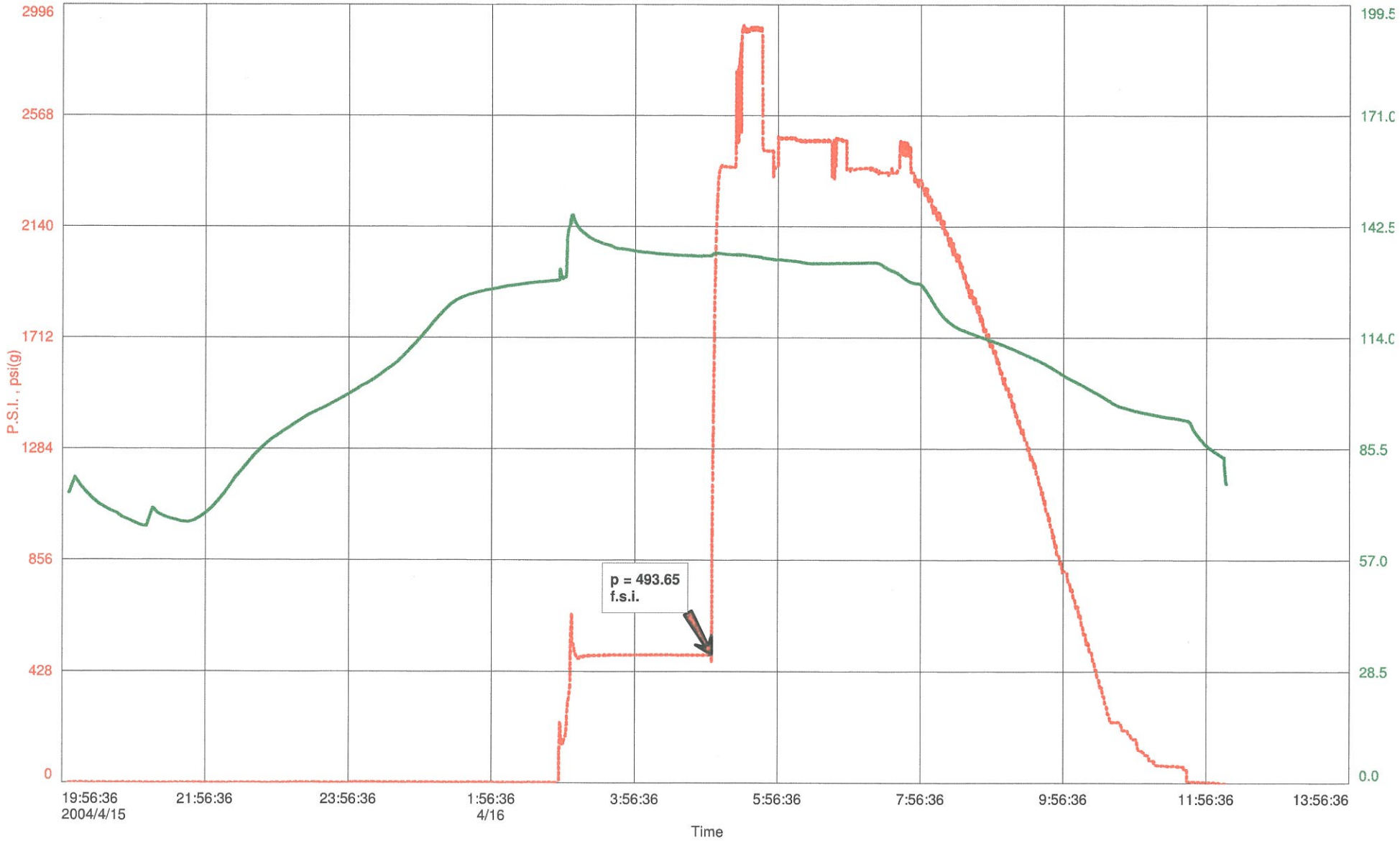
Wombat # 2 DST # 1



Lakes Oil
gauge set @1342.69m
Start Test Date: 2004/04/15

Fluid E

Wombat # 1 DST # 1



DST # 1A
REPORT

Company:	Lakes Oil		**State:**	Vict	**Date:** 17/04/2004
Well Name:	Wombat # 2		**KB Elev:**	14.65 m	**Ticket No:** 574
Well Loc:	Pep 157		**GR Elev:**	11 m	**DST No:** 1A
Interval:	1328.29 - 1391 m	**T.D. (m)** 1391 m	**Test Type:**	Conventional bottom hole	

RECORDER DATA:

Rec #		6883		6886	6883
Range lbs		10 k		10 k	10 k
Clock hrs		Battery		Battery	Battery
Depth m		1311.92		1319.8	1339.94
	PSI	**PSI**	**PSI**	**PSI**	**PSI**
Initial Hydrostatic				2338.39	2375.31
Initial Preflow					
Final Preflow					
Initial Shutin					
Initial Flow				1483.83	1618.05
Final Flow				1837.17	1866.06
Final Shutin				1840.52	1869.35
Final Hydrostatic		1812.64		2325.56	2359.27
Temperature		143 F		143 F	143 F
	Fluid	Fluid	In	In	Out

TIME DATA:

			Time Start	Time End
Preflow		mins		
Initial Shutin		mins		
Initial Flow	240	mins	6:40	10:40
Final Shutin	60	mins	10:40	11:40

Time Start	0:00	**On Bottom**	6:38	**Time Open**	6:40	*Time Pulled*		**Time Out**

TOOL DATA:

Tool Weight:	7 k	*lbs*
Weight Set on Packers:	40 k	*lbs*
Weight Pulled Loose:	105 k	*lbs*
Initial String Weight:	90 k	*lbs*
Hole Size:	8.5	*ins*
Bottom Hole Choke:	0.75	*ins*

	ID	Length
Drill Pipe:	3 5/6	103.94m
HW Drill Pipe:	3	0m
Drill Collars:	2 7/8	1208.65 m

FLUID RECOVERY:

	(m) of	
	(m) of	
	(m) of	
	(m) of	

Total Fluid 1275 m of formation water

MUD DATA:

Mud Type	Kcl / polymer
Weight	10.4
Vis.	44
W.L.	6.4
F.C.	1\32
Mud Drop	Nil

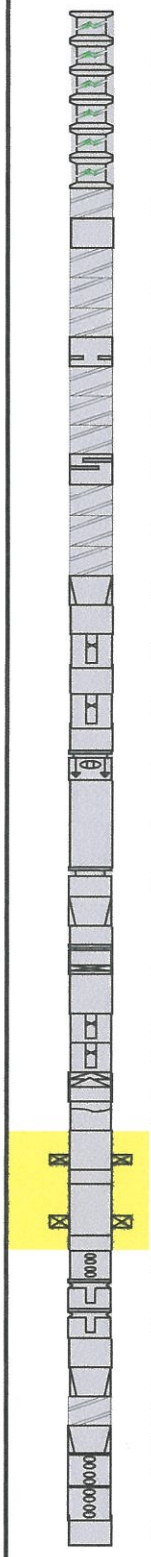
BLOW DESCRIPTION AND REMARKS:

GAS FLOW RATES:

Comments	TIME (mins)	CHOKE	PSI	M CF/D
Tool open bubble on bucket strong .	6:40			
	6:45		8	
Open thru 1/4 choke @ 12 psi .	6:48	1/4	12	
	6:50		14	
	6:55		10	
	7:00		4	
Gas to surface 1/2 / 1 m lazy flare .	7:05		1	
Open manifold thru centre valve approx 13/16	7:15			
Surging bubble on top of bucket / lazy 1 m flare @ 0 psi			0	
Shut in manifold & buble hose .	8:40			
Bleed off pressure . 1m flare dies immediately.	10:37		14	
Shut in tool	10:40			
Sample Chamber Recovery - gas cut water @ 300 psi				

GENERAL DATA:

Amount of Fill (m):	0	**Cushion Amount (m):**	Nil	**Tester:**	Chad McGuinn/Jason Noud
Bottom Hole Temp (F):	143	**Cushion Type:**	N.A.	**Company Rep:**	Lou De Vattimo
Hole Condition:	Good	**Reversed Out:**	Yes	**Contractor:**	Hunt
Packer Size:	7 1/2	**Tool Chased:**	No	**Rig Number:**	2
Number of Packers:	2				



COMPANY:	Lakes Oil	***DATE:***	17/04/2004
WELL NAME:	Wombat # 2	***DST #***	1A
FORMATION:	Golden Beach		
TESTER:	Chad McGuinn / Jason Noud		

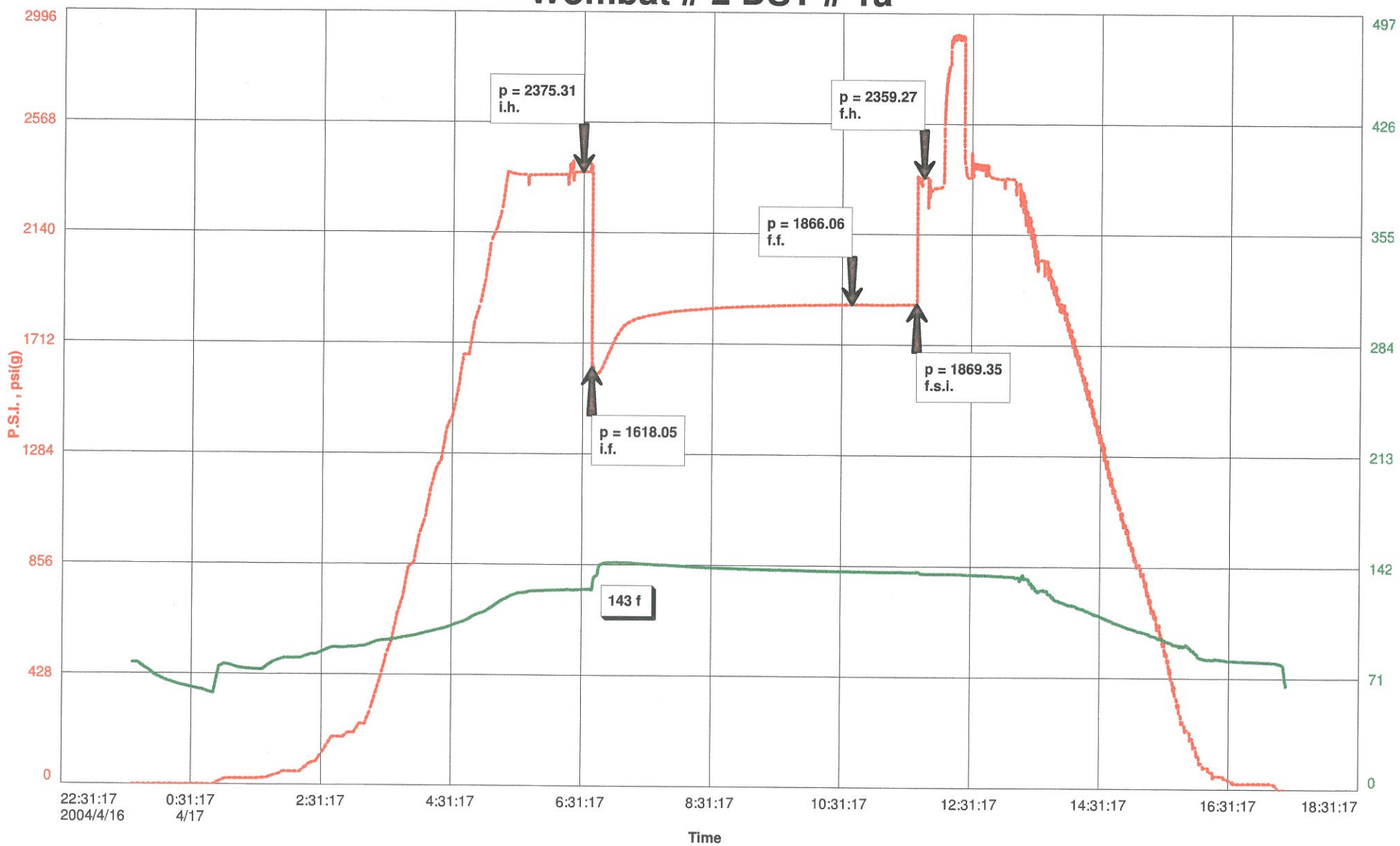
Total Tool To Bottom Packer			20.15
Tool Interval			16.10
Total Tool :			**36.25**
H.W. + D.Cs. In Interval			46.61
Drill Collars Above Tool		5std + 1	103.94
Jars			0
HWDP Above Tool			0.00
Drill Pipe Above Tool		64 stds	1208.65
Pup Joint/s Above Tool			0
Total :			**1395.45**
STICK UP :		**-4.45**	
Drill Pipe	64 stds	1208.65	-4.45
Pup Jt/s			1204.20
Drill Pipe			1204.20
H.W. Drill Pipe		0.00	1204.20
Drill Collars		0	1204.20
Jars		0	1204.20
Drill Collars	4stds + 1	84.95	1204.20
Pump Out Sub		0.30	1289.15
Drill Collar	1	9.45	1289.45
Drop Bar Sub		0.30	1298.90
Drill Collar	1	9.54	1299.20
Cross Over		0.40	1308.74
Spacing		2.78	1309.14
Fluid Electronic Rec Carrier		1.52	1311.92
Shut in Tool		1.64	1313.44
Sampler		1.02	1315.08
Travel Sub		0.46	1316.10
Hyd Tool		1.68	1316.56
Inside Mechanical Rec Carrier		1.56	1318.24
Inside Electronic Rec Carrier		1.78	1319.80
Jars		2.70	1321.58
Safety Joint		0.66	1324.28
Packer		2.31	1324.94
Packer		1.04	1327.25
DEPTH :		**1328.29**	
Stick Down		1.01	1328.29
Perf		6.08	1329.30
Perf		4.56	1335.38
Outside Electronic Rec Carrier		1.52	1339.94
Cross Over		0.40	1341.46
3 H.W. + Std D.Cs.		46.61	1341.86
Cross Over		0.40	1388.47
Perf		1.52	1388.87
Bullnose		0.61	1390.39
TOTAL DEPTH :		**1391.00**	

DST # 1A
PLOTS AND DATA

Lakes Oil
Gauge set @1339.94m
Start Test Date: 2004/04/16

Outside E

Wombat # 2 DST # 1a



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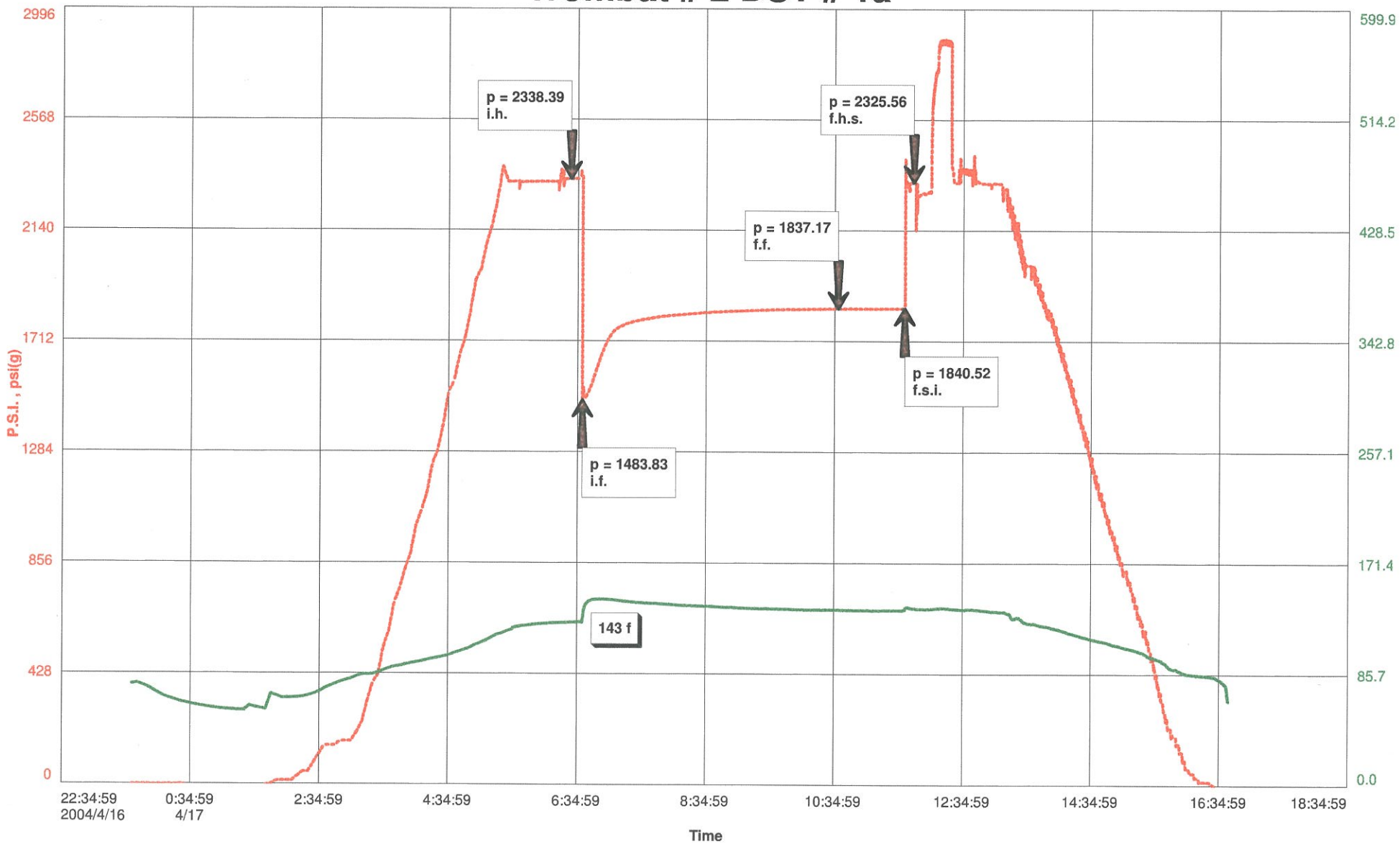
Lakes Oil
Gauge set @ 1319.8m
Start Test Date: 2004/04/16

Inside E

Wombat # 2 DST # 1a



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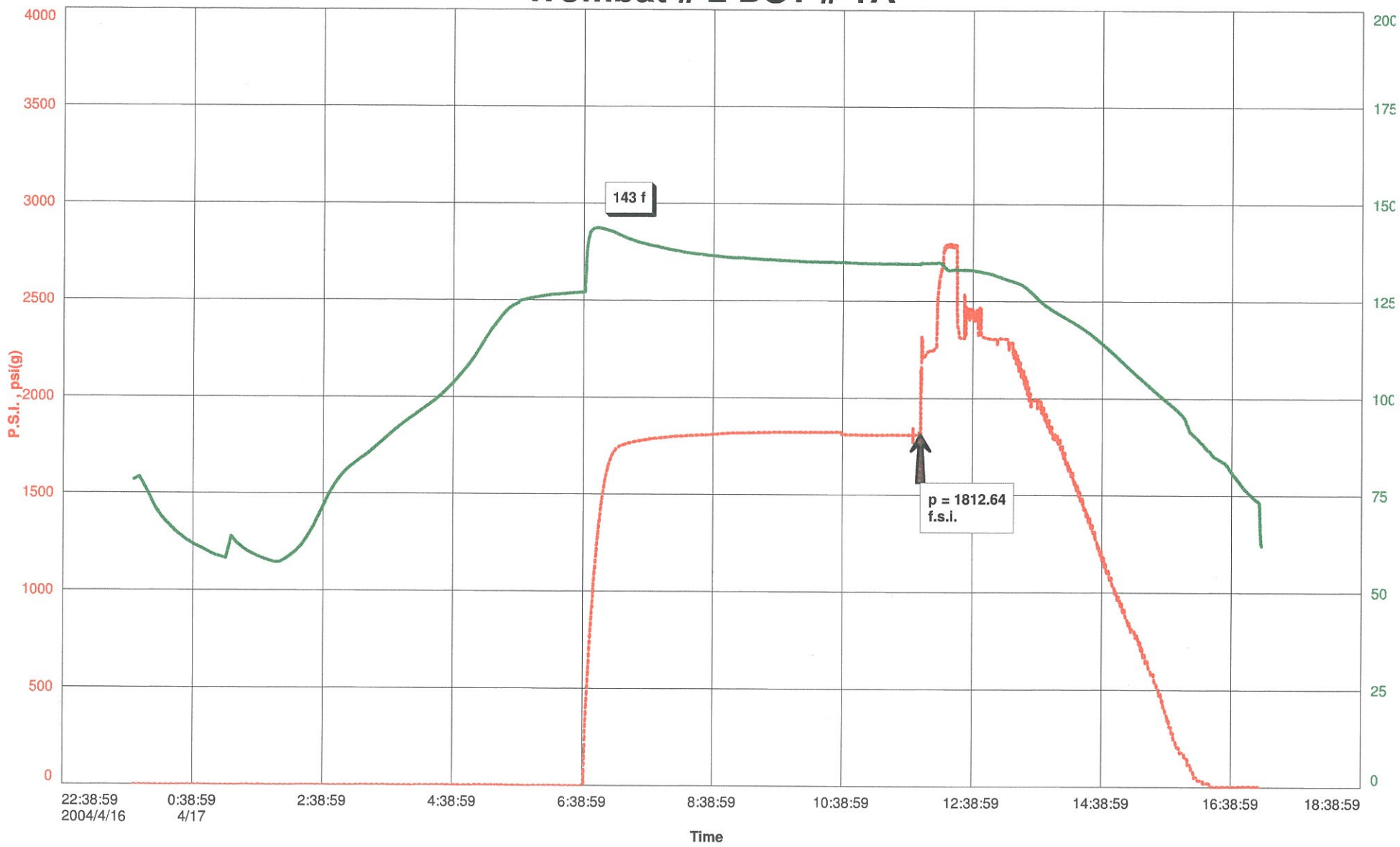
Lakes Oil
Gauge set @ 1311.92m
Start Test Date: 2004/04/16

Fluid E

Wombat # 2 DST # 1A



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DST # 2

REPORT

D.S.T. AUSTRALIA Pty Ltd

COMPANY:	Lakes Oil		**State:**	Vict	**Date:** 18/04/2004
Well Name:	Wombat # 1		**KB Elev:**	14.65 m	**Ticket No:** 575
Well Loc:	Pep 157		**GR Elev:**	11 m	**DST No:** 2
Interval:	1399.72 - 1428 m	**T.D. (m):** 1428	**Test Type**	Conventional bottom hole	

RECORDER DATA:

Rec #		6886		6883	6885
Range lbs		10 k		10 k	10 k
Clock hrs		Battery		Battery	Battery
Depth m		1386.05		1393.93	1403.77
	PSI	**PSI**	**PSI**	**PSI**	**PSI**
Initial Hydrostatic				2498.51	2498.93
Initial Preflow					
Final Preflow					
Initial Shutin					
Initial Flow				201.25	201.25
Final Flow				225.79	222.69
Final Shutin		117.67		1994.89	1986.81
Final Hydrostatic				2490.03	2479.92
Temperature					
	Fluid	Fluid	In	In	Out

TIME DATA:

			Time Start	Time End
Preflow		mins		
Initial Shutin		mins		
Initial Flow	257	mins	18:28	22:15
Final Shutin	120	mins	22:15	0:15

Time Start:	13:00	*On Bottom:*	18:25	*Time Open:*	18:28	*Time Pulled:*	0:15	*Time Out:*	8:00

TOOL DATA:

Tool Weight	7 k	*lbs*
Weight Set on Packers	40 k	*lbs*
Weight Pulled Loose	105 k	*lbs*
Initial String Weight	90 k	*lbs*
Hole Size	8.5	*ins*
Bottom Hole Choke	0.75	*ins*

	ID	Length
Drill Pipe	3.826 ins	1246.47 m
HW Drill Pipe	2 15/16ins	9.5m
Drill Collars	2 7/8ins	122.79 m

FLUID RECOVERY:

	(m) of	
	(m) of	
	(m) of	
	(m) of	
	Total Fluid	

MUD DATA:

Mud Type	Kcl / polymer
Weight	10.4
Vis.	44
W.L.	6.4
F.C.	1\32
Mud Drop	Nil

BLOW DESCRIPTION AND REMARKS:

GAS FLOW RATES:

Comments	TIME (mins)	CHOKE	PSI	M CF/D
Tool open b.o.b.very strong	18:28			
Open thru 1/4 choke @ 24 psi	18:29	1/4	24	
Gas to surface @ 84 psi. 4 m flare	18:35		84	
Stable flow of 18 psi thru 1/4 switch to 1/2 choke	19:24	1/2	18	
Stable flow of 26 psi thru 1/2 choke.Shut in manifold	19:54			
425 psi @ manifold open thru centre valve .	21:06			
Open thru 1/4 choke	21:15	1/4		
Shut in down hole 106 psi thru 1/4 choke	22:15	1/4	106	

GENERAL DATA:

Amount of Fill (m):	0	**Cushion Amount (m):**	Nil	**Tester:**	Chad McGuinn/Jason Noud
Bottom Hole Temp (F):	143	**Cushion Type:**	N.A.	**Company Rep:**	Lou De Vattimo
Hole Condition:	Good	**Reversed Out:**	Yes	**Contractor:**	Hunt
Packer Size:	7 1/2	**Tool Chased:**	No	**Rig Number:**	2
Number of Packers:	2				

CALCULATION OF GAS FLOWS FROM FLOW PRESSURE BEHIND SURFACE CHOKE:

Gas Flow = 0.0555*C*(Pressure+15)

Coefficient Table	
Choke Size	Coefficient
(in)	(C)
1/8	6.25
3/16	14.44
1/4	26.51
5/16	43.64
3/8	61.21
7/16	85.13
1/2	112.72
5/8	179.74
3/4	260.99

	1/4 choke	
	Pressure (psi g)	Gas Flow (Mmcfd)
18:28	24	0.057
18:29	34	0.072
18:30	40	0.081
:31	54	0.102
:32	60	0.110
:34	78	0.137
:36	88	0.152
:37	92	0.157
:39	102	0.172
:41	108	0.181
:43	112	0.187
:44	116	0.193
:46	120	0.199
:48	124	0.205
:52	128	0.210
:53	129	0.212
:56	132	0.216
:59	134	0.219
19:04	136	0.222
:09	138	0.225
:24	138	0.225

STILL INCREASING

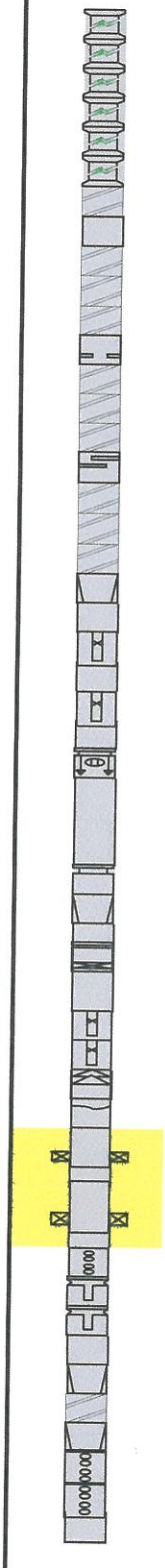
CALCULATION OF GAS FLOWS FROM FLOW PRESSURE BEHIND SURFACE CHOKE:

Gas Flow = 0.0555*C*(Pressure+15)

Coefficient Table	
Choke Size	Coefficient
(in)	(C)
1/8	6.25
3/16	14.44
1/4	26.51
5/16	43.64
3/8	61.21
7/16	85.13
1/2	112.72
5/8	179.74
3/4	260.99

	1/2 choke	
	Pressure (psi g)	Gas Flow (Mmcfd)
19:24	118	0.832
:25	114	0.807
;26	0	0.094
:27	96	0.694
:28	78	0.582
:30	62	0.482
:32	54	0.432
:34	46	0.382
:36	40	0.344
:38	38	0.332
:41	32	0.294
:45	30	0.282
:47	28	0.269
:54	26	0.256

DECREASING



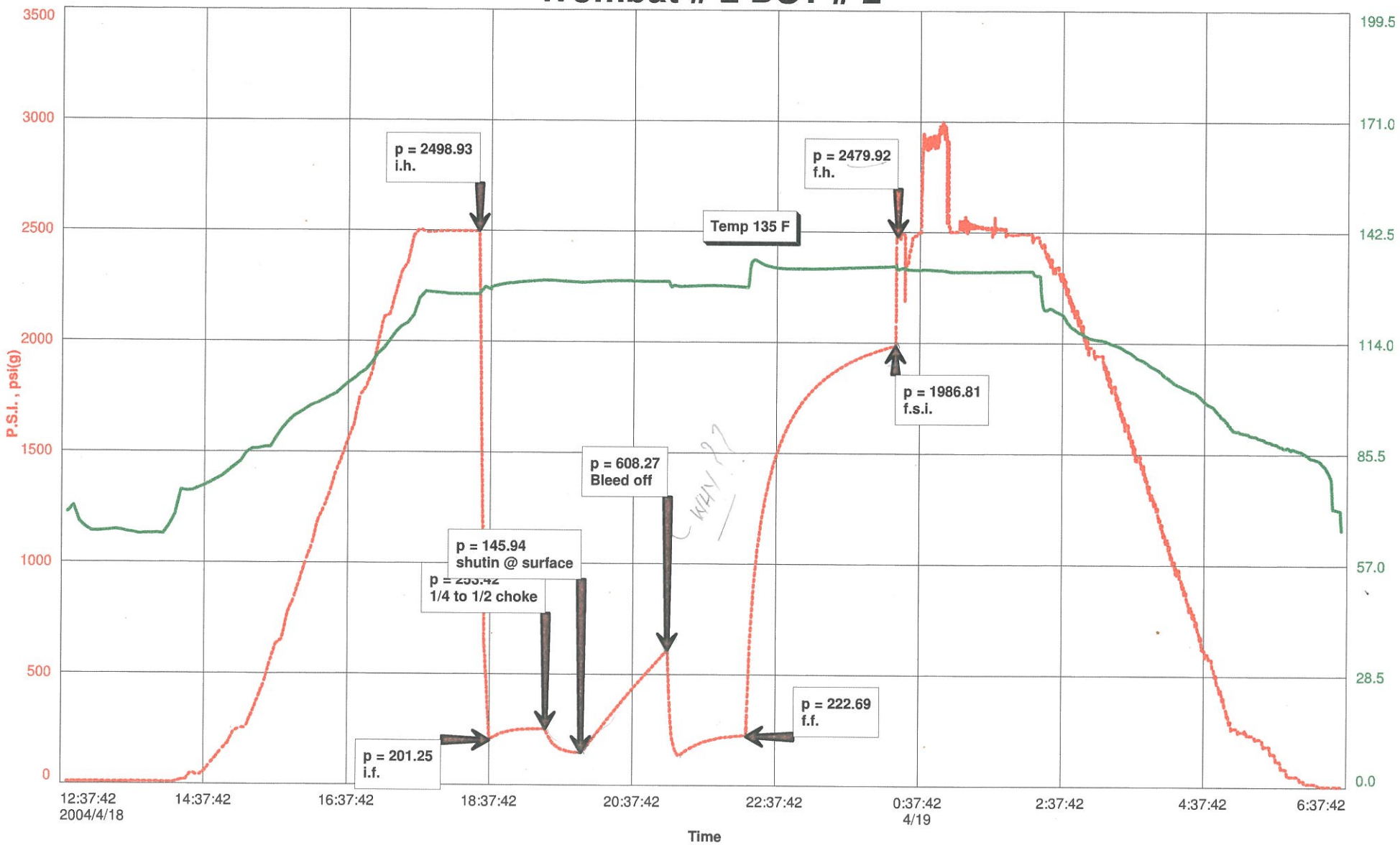
	COMPANY:	Lakes Oil	**DATE:**	18/04/2004	
	WELL NAME:	Wombat # 2	**DST #**	2	
	FORMATION:	Golden Beach	D.S.T. AUSTRALIA		
	TESTER:	Chad McGuinn / Jason Noud			
Drill Pipe					
Pup Joint					
Drill Pipe					
HWDP					
Drill Collars					
	Total Tool To Bottom Packer				14.67
	Tool Interval				10.02
Drill Collars	***Total Tool :***				**24.69**
	H.W. In Interval		1 std		18.26
Pump out sub	Drill Collars Above Tool		6 stds + 1		122.79
	Jars				9.59
Drill Collars	Hev - Waite Above Tool		1		9.50
	Drill Pipe Above Tool				1246.47
Drop bar sub	Pup Joint/s Above Tool		63 stds + 1		0
	Total :				**1431.30**
Drill collar	***STICK UP:***		**-3.30**		
	Drill Pipe	66 stds	1246.47		-3.30
X-over	Pup Jt/s				1243.17
	Drill Pipe				1243.17
Rec.carrier	H.W. Drill Pipe	1	9.50		1243.17
	Drill Collars	1 st + 1	28.14		1252.67
Rec.carrier	Jars		9.59		1280.81
	Drill Collars	4 stds	75.80		1290.40
Shut-in tool	Pump Out Sub		0.30		1366.20
	Drill Collar	1	9.49		1366.50
Sampler	Drop Bar Sub		0.30		1375.99
	Drill Collar	1	9.36		1376.29
Travel sub	Cross Over		0.40		1385.65
	Spacing		0.00		1386.05
	Fluid Electronic Rec Carrier		1.52		1386.05
Hydraulic tool	Shut in Tool		1.64		1387.57
	Sampler		1.02		1389.21
Rec Carrier	Travel Sub		0.46		1390.23
Rec Carrier	Hyd Tool		1.68		1390.69
Jar	Inside Mechanical Rec Carrier		1.56		1392.37
Safety joint	Inside Electronic Rec Carrier		1.78		1393.93
Packer	Jars		0.00		1395.71
	Safety Joint		0.66		1395.71
Packer	Packer		2.31		1396.37
Stick Down	Packer		1.04		1398.68
Perf	***DEPTH***		**1399.72**		
	Stick Down		1.01		1399.72
Rec Carrier	Perf		3.04		1400.73
	Outside Electronic Rec Carrier		1.52		1403.77
X- Over	Perf		3.04		1405.29
1 Std HWDP	Cross Over		0.40		1408.33
X- Over	H.W. Drill Pipe	1 std	18.26		1408.73
Perf	Cross Over		0.40		1426.99
	Perf		0.00		1427.39
Bull Nose	Bullnose		0.61		1427.39
	TOTAL DEPTH		**1428.00**		

DST # 2
PLOTS AND DATA

Lakes Oil
Gauge set @1403.77m
Start Test Date: 2004/04/18

Outside E

Wombat # 2 DST # 2



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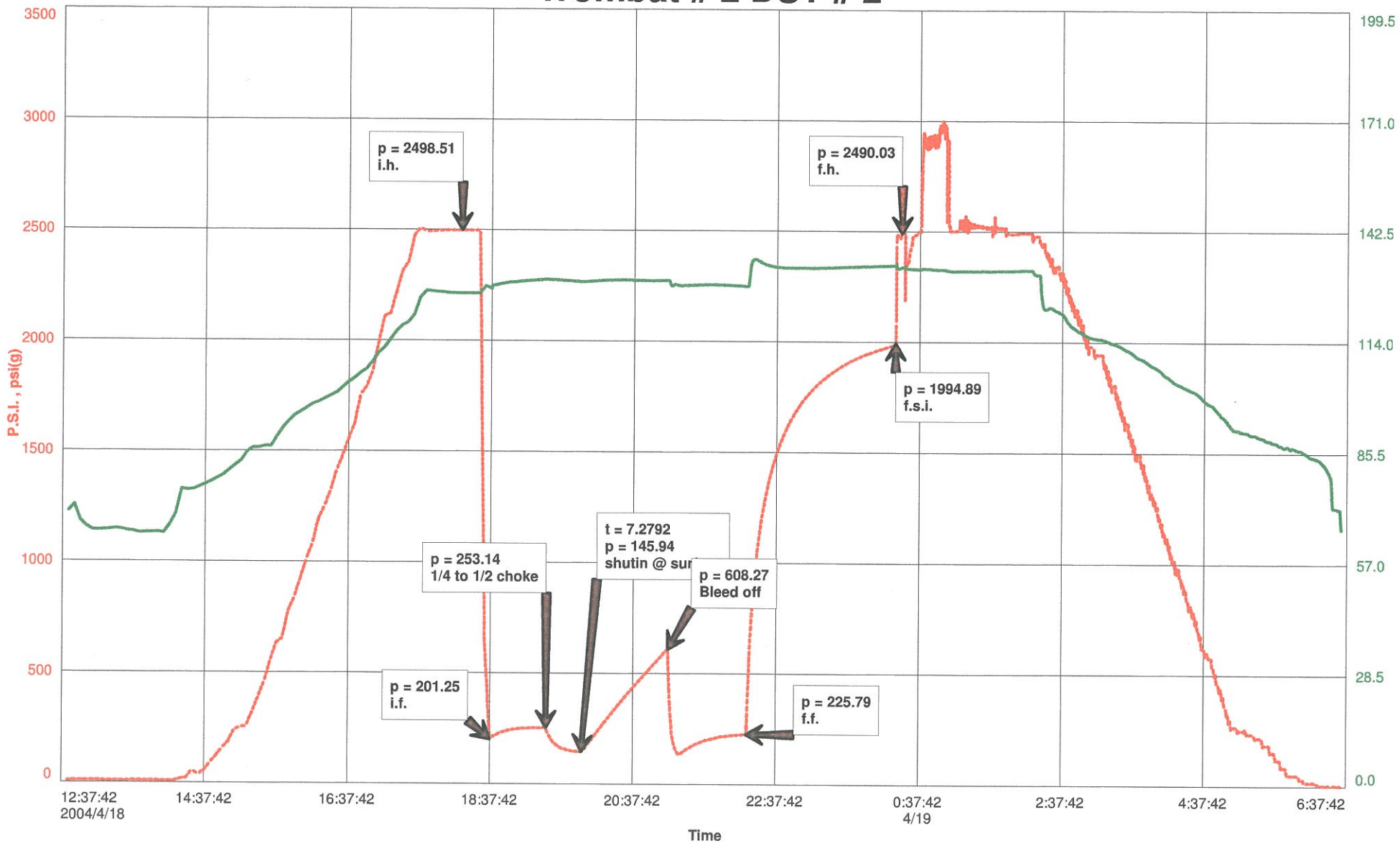
Lakes Oil
Gauge set @1393.93m
Start Test Date: 2004/04/18

Inside E

Wombat # 2 DST # 2



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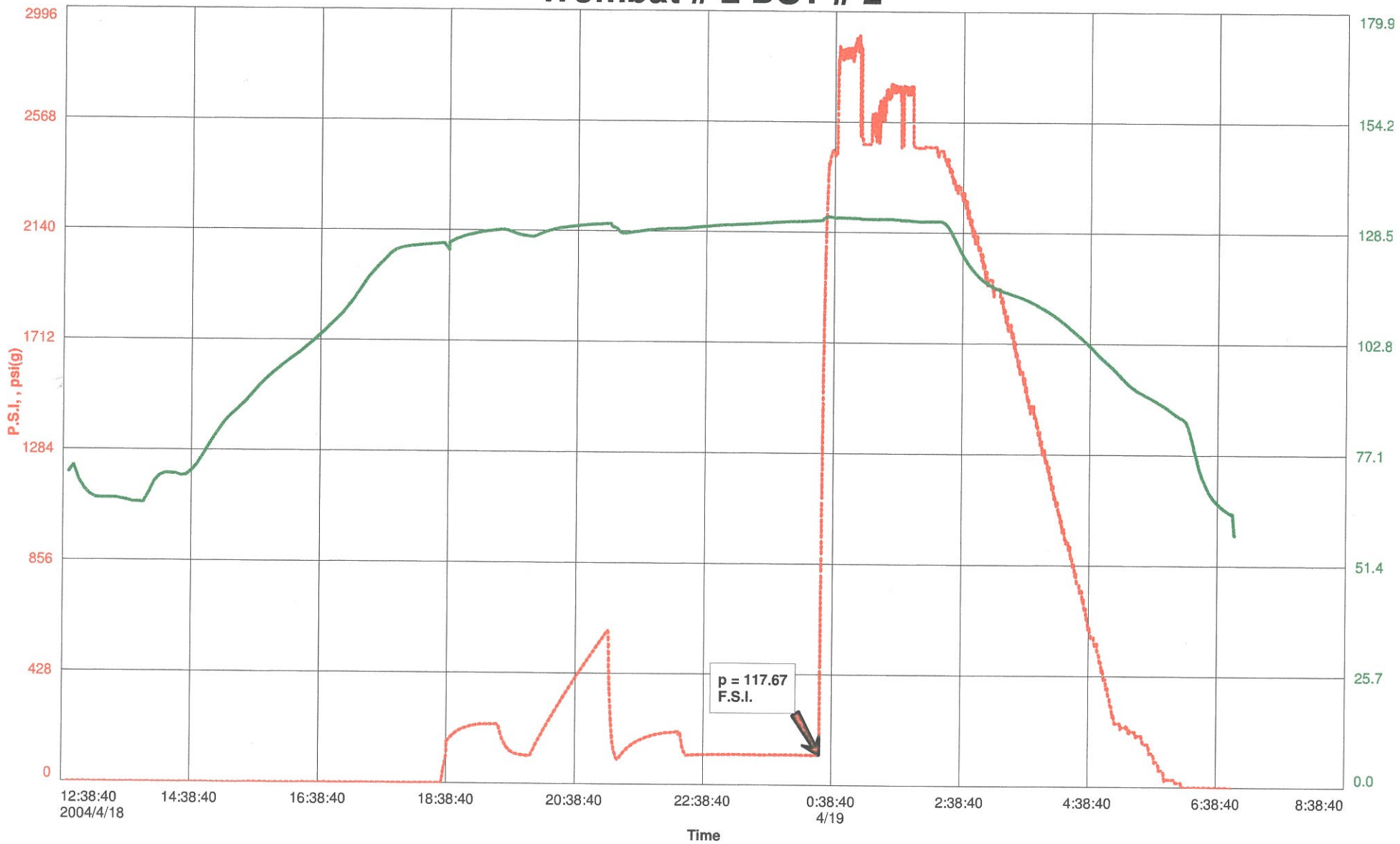
Lakes Oil
Gauge set @1386.05m
Start Test Date: 2004/04/18

Fluid E

Wombat # 2 DST # 2



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DST # 3
REPORT

COMPANY: Lakes Oil
Well Name: Wombat # 1
Well Loc: Pep 157
Interval: 1463.85 - 1497 m **T.D. (m):** 1497 m

State: Vict
KB Elev: 14.65 m
GR Elev: 11 m
Test Type: Conventional bottom hole

Date: 20/04/2004
Ticket No: 576
DST No: 3

RECORDER DATA:

Rec #		6886		6883	6885
Range lbs		10 k		10 k	10 k
Clock hrs		Battery		Battery	Battery
Depth m		1450.18	1456.5	1458.06	1475.5
	PSI	PSI	PSI	PSI	PSI
Initial Hydrostatic				2633.92	2672.73
Initial Preflow				336.86	374.07
Final Preflow				409.85	434.4
Initial Shutin				2049.22	2059.91
Initial Flow				360.07	380.71
Final Flow				414.99	429.24
Final Shutin		232.21		1902.26	1913.24
Final Hydrostatic				2617.19	2655.05
Temperature				141 F	143 F
	Fluid	Fluid	In	In	Out

TIME DATA:

			Time Start	Time End
Preflow	11	mins	18:04	18:15
Initial Shutin	45	mins	18:15	19:00
Initial Flow	60	mins	19:00	20:00
Final Shutin	180	mins	20:00	23:00

Time Start 12:40 **On Bottom** 18:00 **Time Open** 18:04 **Time Pulled** 23:00 **Time Out** 11:00

TOOL DATA:

Tool Weight:	7 k	**lbs**
Weight Set on Packers:	40 k	**lbs**
Weight Pulled Loose:	90 k	**lbs**
Initial String Weight:	90 k	**lbs**
Hole Size:	8.5	**ins**
Bottom Hole Choke:	0.75	**ins**

	ID	**Length**
Drill Pipe :	3.826 "	1293.95 m
HW Drill Pipe:	2 15/16 "	9.5m
Drill Collars:	2 7/8 "	141.50 m

FLUID RECOVERY:

	(m) of	
	(m) of	
	(m) of	
	(m) of	
	Total Fluid	

MUD DATA :

Mud Type	Kcl / polymer
Weight	10.4
Vis.	44
W.L.	6.4
F.C.	1\32
Mud Drop	Nil

BLOW DESCRIPTION AND REMARKS:

GAS FLOW RATES:

Comments	*TIME (mins)*	*CHOKE*	*PSI*	*M CF/D*
Tool open bubble on bucket strong	18:04			
Open thru 1/4 choke @ 60 psi	18:05	1/4	60	
Gas to surface	18:10		156	
Shutin tool	18:15		230	
Tool open	19:00		10	
Well flowing	19:24		307	
Tool closed	20:00		260	
Sample chamber recovery - formation gas @ 330 psi				

GENERAL DATA :

Amount of Fill (m):	0	**Cushion Amount (m):**	Nil	**Tester:**	Chad McGuinn/Jason Noud
Bottom Hole Temp (F):	143 F	**Cushion Type:**	N.A.	**Company Rep:**	Lou De Vattimo
Hole Condition:	Good	**Reversed Out:**	Yes	**Contractor:**	Hunt
Packer Size:	7 1/2	**Tool Chased:**	No	**Rig Number:**	2
Number of Packers:	2				

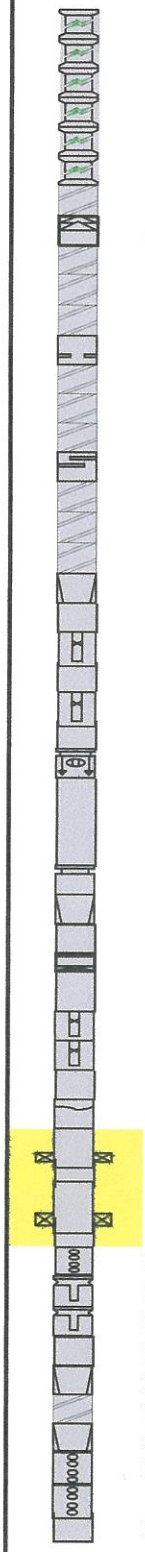
cr5/2004

CALCULATION OF GAS FLOWS FROM FLOW PRESSURE BEHIND SURFACE CHOKE :

Gas Flow = 0.0555*C*(Pressure+15)

Coefficient Table	
Choke Size	Coefficient
(in)	(C)
1/8	6.25
3/16	14.44
1/4	26.51
5/16	43.64
3/8	61.21
7/16	85.13
1/2	112.72
5/8	179.74
3/4	260.99

	1/4 choke	
	Pressure (psi g)	Gas Flow (Mmcfd)
18:04	60	0.110
:06	80	0.140
:07	108	0.181
:08	122	0.202
:09	156	0.252
:11	200	0.316
:13	210	0.331
:14	230	0.360
Shut in		0.022
19:00	10	0.037
:01	100	0.169
:02	190	0.302
:03	240	0.375
:04	250	0.390
:05	260	0.405
:07	270	0.419
:09	280	0.434
:12	290	0.449
:15	300	0.463
:18	305	0.471
:21	306	0.472
:24	307	0.474
:27	305	0.471
:30	302	0.466
:33	300	0.463
:37	295	0.456
:40	290	0.449
:45	285	0.441
:50	275	0.427
:55	265	0.412
20:00	260	0.405



Drill Pipe	**COMPANY:**	Lakes Oil	**DATE:**	20/04/2004
Pup Joint				
Drill Pipe	**WELL NAME:**	Wombat # 2	**DST #**	3
HWDP	**FORMATION:**	Strzelecki	D.S.T. AUSTRALIA	
Drill Collars	**TESTER:**	Chad McGuinn / Jason Noud		
Jar				
	Total Tool To Bottom Packer			14.67
Drill Collars	Tool Interval			14.89
	Total Tool :			**29.56**
Pump out sub	H.W. In Interval		1 std	18.26
	Drill Collars Above Tool		7 stds + 1	141.50
Drill Collars	Jars			9.59
	Hev - Waite Above Tool		1	9.50
Drop bar sub	Drill Pipe Above Tool		68+1 stds	1293.95
	Pup Joint/s Above Tool			0
Drill collar	***Total :***			**1502.36**
	STICK UP :		**-5.36**	
X-over	Drill Pipe	68 + 1 stds	1293.95	-5.36
	Pup Jt/s			1288.59
Rec.carrier	Drill Pipe			1288.59
	H.W. Drill Pipe	1	9.50	1288.59
Rec.carrier	Drill Collars	1	9.38	1298.09
	Jars		9.59	1307.47
Shut-in tool	Drill Collars	6 stds	113.27	1317.06
	Pump Out Sub		0.30	1430.33
Sampler	Drill Collar	1	9.49	1430.63
	Drop Bar Sub		0.30	1440.12
Travel sub	Drill Collar	1	9.36	1440.42
	Cross Over		0.40	1449.78
	Spacing		0.00	1450.18
Hydraulic tool	Fluid Electronic Rec Carrier		1.52	1450.18
	Shut in Tool		1.64	1451.70
Rec Carrier	Sampler		1.02	1453.34
Rec Carrier	Travel Sub		0.46	1454.36
	Hyd Tool		1.68	1454.82
Safety joint	Inside Mechanical Rec Carrier		1.56	1456.50
Packer	Inside Electronic Rec Carrier		1.78	1458.06
	Jars		0.00	1459.84
Packer	Safety Joint		0.66	1459.84
	Packer		2.31	1460.50
Perf	Packer		1.04	1462.81
Rec Carrier	***DEPTH :***		**1463.85**	
Rec Carrier	Stick Down		1.01	1463.85
Perf	Perf		6.08	1464.86
X- Over	Perf		4.56	1470.94
HWDP	Outside Electronic Rec Carrier		1.83	1475.50
X- Over	Cross Over		0.40	1477.33
Perf	H.W. Drill Pipe	1 std	18.26	1477.73
	Cross Over		0.40	1495.99
Bull Nose	Perf		0.00	1496.39
	Bullnose		0.61	1496.39
	TOTAL DEPTH :		**1497.00**	

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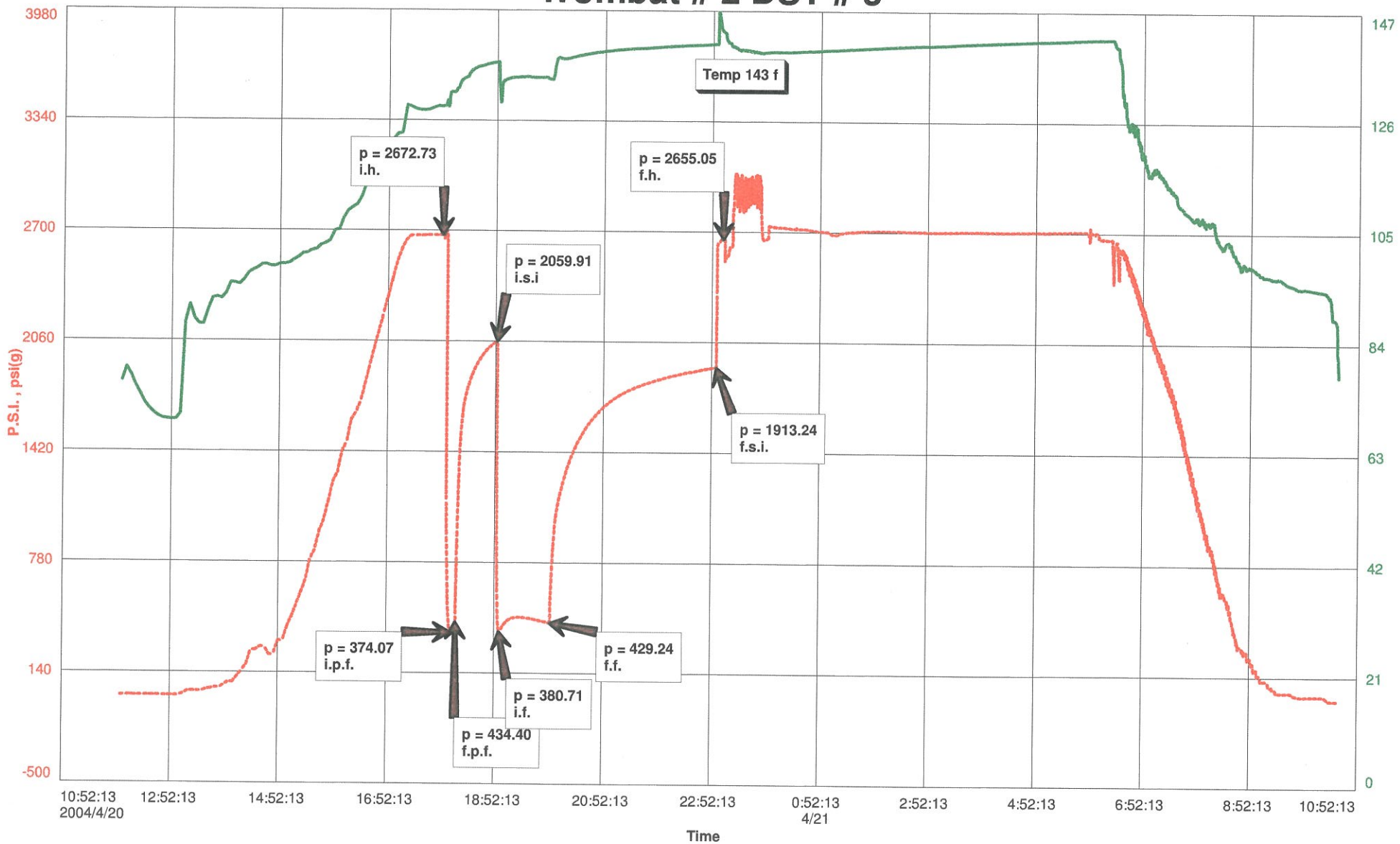
DST # 3
PLOTS AND DATA

Lakes Oil
Gauge set @1475.5m
Start Test Date: 2004/04/20

OUT E

Wombat # 2 DST # 3



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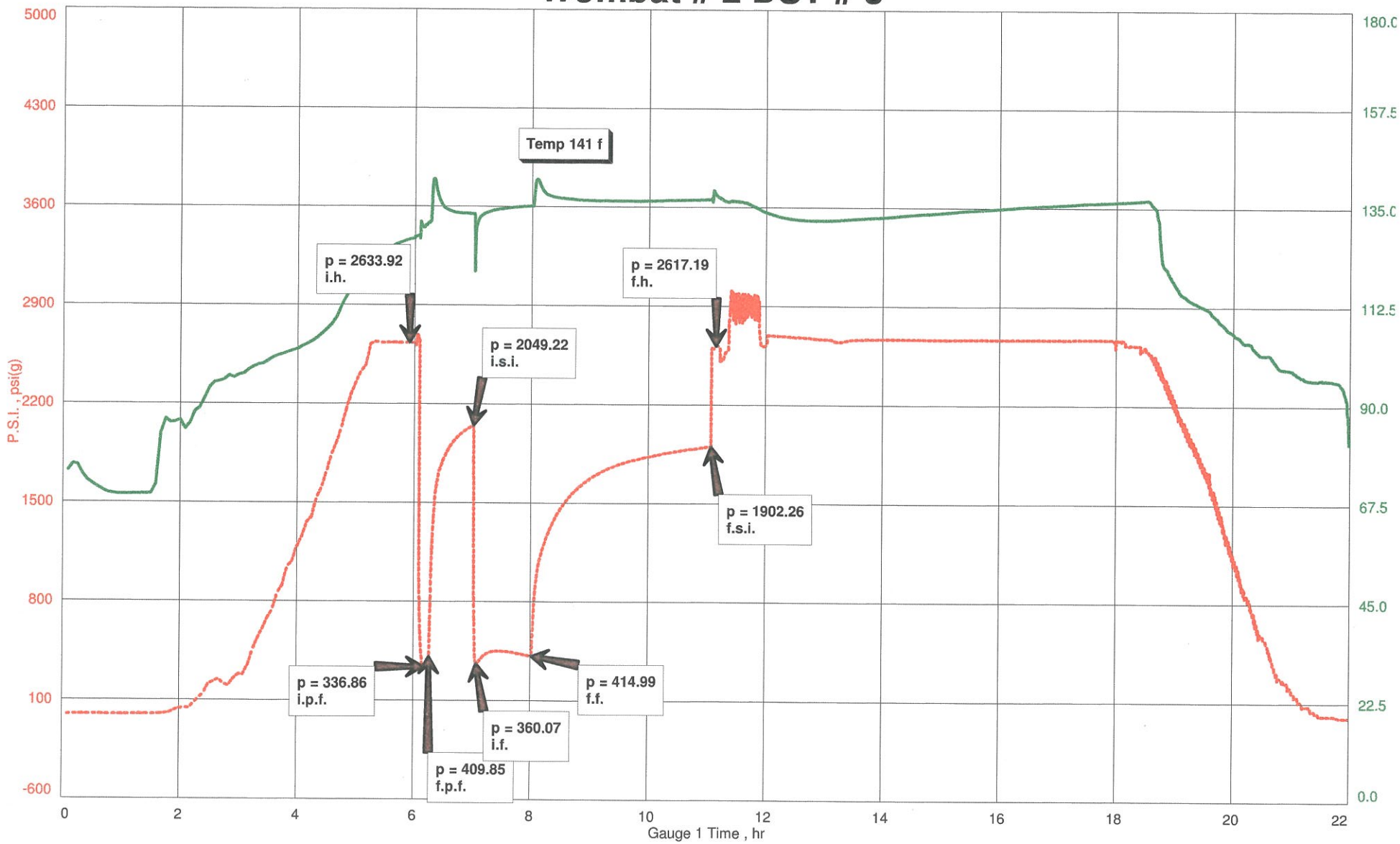
Lakes Oil
Gauge set @ 1458.06m
Start Test Date: 2004/04/20

IN E

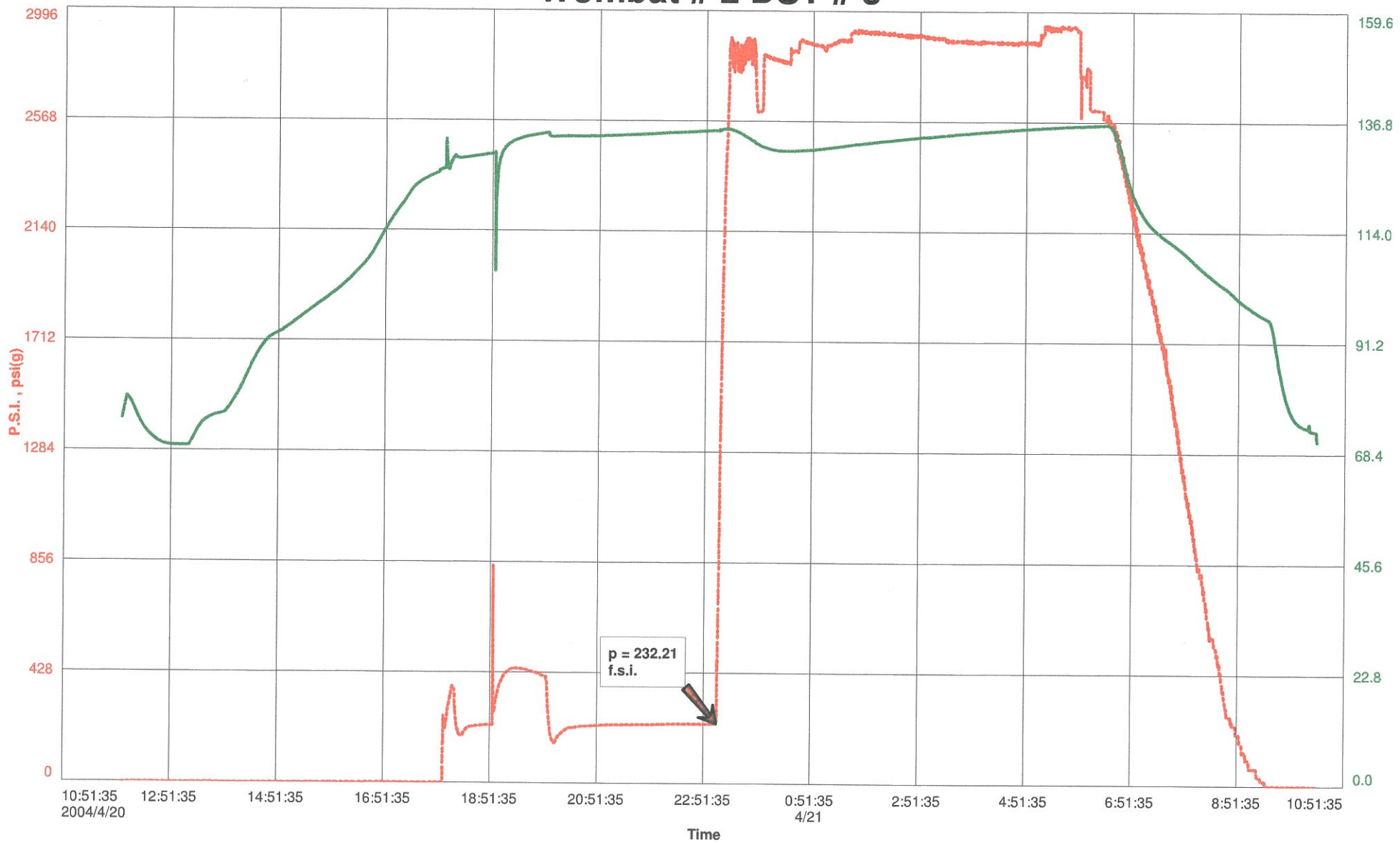
Wombat # 2 DST # 3



Lakes Oil
Gauge set @1450.18m
Start Test Date: 2004/04/20

FLUID E

Wombat # 2 DST # 3



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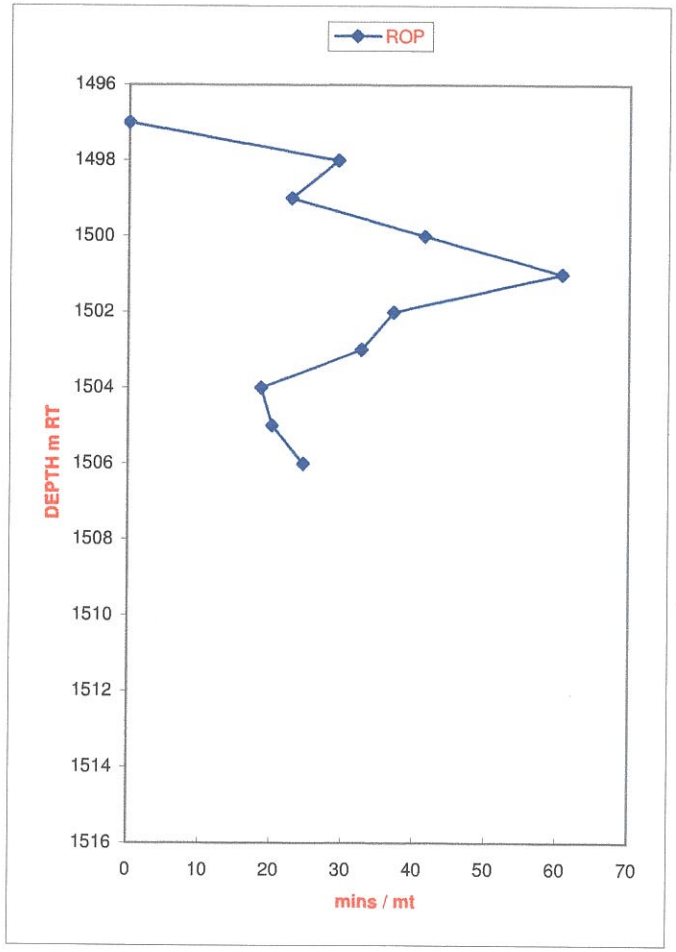
CORE # 1
BHA/REPORT

AUSTRALIAN D.S.T. AUSTRALASIA PTY. LTD.

COMPANY:	Lakes Oil	**BIT TYPE:**	Diamant Boart CD 93	**m CORED:**	9	**TIME START:**	19:40
WELL:	Wombat # 2	**SERIEL #:**	Bel 7970035	**m RECOVERED:**	4.84	**TIME END:**	0:25
CORE #:	1	**BIT SIZE:**	8.5 x 4 in	**% RECOVERY:**	53.70%	**DATE:**	21/04/2004
CORED BY:	Chad McGuinn	**LINER TYPE:**	5.5				

DEPTH	ROP	WOB	RPM	SPM	GPM	PUMP	MW
m	mins / mt	lbs				psi	ppg
1497	0	0	0	0			10.4
1498	29.26	15 k	50	32	185	482	
1499	22.72	20 k	80	35	204	507	
1500	41.37	20k	100	36	214	501	
1501	60.6	25k	120	39	232	523	
1502	37.03	20k	120	44	258	533	
1503	32.6	20k	120	43	253	550	
1504	18.57	15k	100	32	184	602	
1505	20.1	15k	100	32	184	600	
1506	24.5	15k	100	32	184	610	
1507							
1508							
1509							
1510							
1511							
1512							
1513							
1514							
1515							



D.S.T. AUSTRALIA Pty. Ltd.

Wombat # 2 Core # 1

1322.44	70 stds d/p	Core Bit :	Type	CD 93
3.86	Pony d/c		Serial #	Bel 7970035
27.76	3 H.W.		Size	8.5 x 4 in
131.99	7 stds d/c			
0.21	upper safety joint			
0.39	lower safety joint			
0.61	stab			
8.53	core barrel			
0.61	stab			
0.31	core head			
1496.71	Total Length			