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Drilling

DETAILED DAILY REPORT

Company Use Only

West Moonfish 1

07-Feb-2005

DRS Well ID: WM1	AFE L6101E001	Planned	Actual
Units : English Oilfield	MD	ft: 11279.5	11053.1
Office : Australia SE	TVD	ft: 10331.4	10333.0
Client : ExxonMobil Exploration	Days		
Drill Team : Australia Offshore	- if Dry :	47.0	
	- if Suspended:	47.0	
Budget Cat : WILDCAT--PRODUCTIVE AND DRY HO	- to Complete :	.0	
Contractor : Ensco	- Susp + Comp :	47.0	42.0
Rig Name : Ensco 102	- Ahead/Behind:		N/A
Operator : Esso Aus Res	- from Spud :		32.2
Field : Gippsland Basin	Spud Date :	05-Jan-2005	
Country : Australia	Progress ft:		.0
Latitude : 38d 9' 0" South	Drilling Hours :		.00
Longitude : 147d 58' 41" East	ROP ft/hr:		
Water Depth: 170.6 ft	Percentage NPT :		22.8
RKB Height : 128.7 ft	Depth Reference:	Rig Floor (RKB)	
Ground Elev: .0 ft			
Phone : 61 3 5142 2880			

Superintendents : F.W. Kratzer
T.J. Paltridge

Engineers : C. MacDonald
C.P. Meakin

Formation Desc : Sub Remora Volcanics 2724 m MDRT
Deepest Casing Run: 9.625 inches at 8290.3 MD, 7989.0 TVD
Leakoff Test : 16.60 ppg

Current: RIH w/Log #2 MDT-GR-LEHQ
Planned: Fin Log #2, Run VSP, Run SWC.

Start	Elpsd	End MD	Description
00:00	.75	11053.1	TRIP Short trip (not to surface) -- TIH from shoe to 3344m.
00:45	.25	.0	DRLG Wash from 3344m to 3369m - No fill.
01:00	2.75	11053.1	CIRC Circ & Cond Mud prior to POOH for E-logs. Circ super sweeps around, (30% incr in cuttings on 1st sweep, 10% incr in cuttings on 2nd sweep). TG 115 units, 3 x Btms Up. BG Gas @ 8u. POOH - No Problems. Circ while rotating @ 120 RPM, pumping @ 605 gpm while reciprocating drillstring. Shakers clean after 2 btms up.
03:45	.25	11053.1	TRIP Pull string out of hole -- Flow check well - Static.
04:00	6.75	11053.1	TRIP Pull string out of hole -- Pump slug & POOH. No excess drag - Hole Good. Flow check well @ 9-5/8" csg shoe - Static. Continue POOH to 35m.
10:45	.75	11053.1	TRIP Break and lay down string, BHA or tools -- Anadril retrieve radioactive source. M/U Top Drive in BHA & flush with seawater.
11:30	2.50	11053.1	TRIP Break and lay down string, BHA or tools -- JSA/PJSM. L/D directional BHA. Set bend in motor to 0° & L/O same.
14:00	1.00	11053.1	TRIP Pick up or make up string, BHA, or tools -- M/U clean out BHA for wiper trip & Rack in derrick.
15:00	1.50	11053.1	WIRE JSA/PJSM. R/U Schlumberger wireline equipment.
16:30	5.25	11053.1	LOG Schlumberger M/U & RIH with Log #1 to 3368m, (WLM). Log #1 - DSI-HNGS-MSFL-CALI-GR-LEHQ. Log from 3368m to 2527m. POOH with wireline.
21:45	2.25	11053.1	LOG Schlumberger L/D Log #1 tool string.

M/U & RIH with Log #2 MDT-GR-LEHQT.

Total 24.00

===== REMARKS =====

AHV "Invincible Tide" back in service @ 02:50 hrs, 06-Feb-05

** Held Abandon Rig Drill with all aboard **

*** Held Weekly Safety Mtg with Both Crews - Topics Discussed: EMDC weekly incidences, Overview of Rig move to BTA, SIMOPS - H2S, Flare Boom, Ctrl access to platform via Magnetic Notice Board & Radio room notification, Waste Mgmt and segregation of waste. ***

STOP / SOC Observation Cards: 66

Total Proactive Safety Efforts: 136

Conductor tensioner frame tension - 280 kips

Pretour Safety Meetings - Tripping, Handling BHA, Wireline Safety, Waste Mgmt, JSA's & Stepback 5x5

Days since last LTI: 883

Days since Last TRI: 11 (27-Jan-05)

Equipment Down: Deep well pumps #2 & #4.

Activity to 0500 hrs 07 Feb 05

0000 - 0500

Log #2 MDT-GR-LEHQT. Unable to obtain seal, POH to csg, confirm packer sealing, GIH - unable to obtain seal on several stations, pull up to 2757m and obtained seal & test, 8.6 EMW. Continue with MDT program.

===== INSPECTIONS, DRILLS, AND CITATIONS =====

	Occurred?	Count	Most Recently Reported
BOP Control Function Test (BCFT)	No		06-Feb-2005
BOP Pressure Test	No		26-Jan-2005
Fire Drill	No		31-Jan-2005
Abandon Ship Drill	Yes		31-Jan-2005
Operations Superintendent Inspection	No		25-Jan-2005
Regulatory Agency Citation	No		
BOP Drill (Pit or Trip Drill)	Yes	2	06-Feb-2005
BOP System Inspection (Minicheck)	Yes	2	06-Feb-2005

===== PERSONNEL =====

Personnel : Mike Power
 Supervisors : Bain, Roger L.
 Morris, Ross B.

Total Head Count: 86

Total Hours : 1032.00

===== HEAD COUNTS =====

Contractor	58	ExxonMobil	3
Contractor Short Service (SSE)	0	Service Company	25

===== MANAGEMENT SUMMARY =====

Fin wiper trip, circ & cond mud - circ 2 sweeps out with MR MC, Flow check - OK, POOH, L/D Dir BHA & M/U clean out BHA. R/U wireline. Run Logs. Log #1 - DSI-HNGS-MSFL-CALI-GR-LEHQT. M/U & GIH w/Log #2 MDT-GR-LEHQT.

===== COST DATA (Australian Dollar) =====

	AFE		Intangible	Tangible	Total	Mud
Dry	: 21,400,000	Daily	298,429	0	298,429	2,128
Susp	: 21,400,000	Cum Mbl	0	0	0	0
Comp	: 0	Cum Drl	15,023,474	593,640	15,617,114	388,548
Total	: 21,400,000	Cum Comp	0	0	0	0
		Cum W/O	0	0	0	0
Exc	: 1.33330/US\$	Cum AFE	15,023,474	593,640	15,617,114	388,548

===== MUD REPORT =====

Time	22:00	Flowline Temp	32.0 deg F	% Solids	9.4
Mud Type	WBM	Filtrate	3.4 cc	% LGS	7.0
Sample From	Pit	Filter Cake	1.0 32nd"	% Sand	.15
		HTHP Temp	249.8 deg F	% Water	87.5
MD	11053.1 feet	Filtrate	12.2 cc	% Oil	.0
Density	10.30 ppg				
Viscosity	60 sec	Elec Stab	0 volts	Ca++	80
PV	24.0 cp	MBT	2.5 lb/bbl	Cl-	40000

YP 48.0 phsf Excess Lime .18 lb/bbl CaCl2 0
 Gels 10./ 15. phsf pH 9.0
 Circ Volume 1460.3 barrel Pf/Mf .0/ .8
 Vol Hole Dr .0 barrel Pm .7

Rhe'try at 120.2 deg: 600/96 300/72 200/61 100/45 60/0 30/0 6/12 3/9

Treat mud with Baracor 129 and KOH prior to pulling out and Baracide for Bactericide to anticipation of considerable timein which hole not circulate.

===== SOLIDS CONTROL =====
 Hours on Centrifuge: .00 Dilution Rate: .0

===== SUPPLIES DATA =====

Usage Receipts			Stock			Usage Receipts			Stock		
Barite	0	0	2915	Fuel	4	0	270				
Cement	0	0	2911	Gel	0	0	209				
Cement Blend	0	0	2182	Potable Water	35	35	207				
Drill Water	2	0	574								

===== MUD ADDITIVES =====

Function	Name	Unit	Size	Amount

===== BIT RECORD =====

Bit/Run	Size	Cd	Mfg	Type	Depth	Length	Rotary	Lng/Hour	Grade	Cost
Numbers					In		Hours	Today	T B G	/Lng

===== HYDRAULICS =====

Pump	Displaces	Rate	Nozzle Sizes	20.0	20.0	20.0	Annular	Velocities
	bbl/st	str/min	32nd"	18.0	18.0	.0		ft/min
1	.1390	52		.0	.0		DC (Max)	314.
2	.1390	52	Total Flow Area	1.4174	in2		DP (Min)	295.
3	.1390	0	Nozzle Velocity	137.4	ft/sec		(Min OH)	314.
			Hole Diameter	8.500	inches		Riser (Min)	0.
			Bit					

Pressure Drop 174 psi
 5 % of SPP
 Pump Rate 104 str/min
 Flow Rate 607.15 gpm
 Impact Force 446 lbf
 Pressure 3720 psi
 Hydraulic HP 1.086 hp/in2

===== SURVEYS =====

MD	Angle	Azimuth	TVD	Vert	Sec	N+/S-	E+/W-	Dogleg
10791.0	34.82	172.26	10115.9	-2418.44	-	2418.44	+ 286.20	.464
10886.8	34.25	172.36	10194.8	-2472.28	-	2472.28	+ 293.47	.598
10968.6	33.90	172.67	10262.6	-2517.74	-	2517.74	+ 299.44	.477

===== WELL CONTROL =====

Pump	Rate	Pressure	MD	Burst (70%)	4806 psi
	str/min	psi	feet	Formation Strength	16.60 ppg
1	30	645	10984.3	Kick Tolerance	4.69 ppg
2	40	860	10984.3	Pore Pressure	9.10 ppg
3	0	0	10203.4	MASP	2617 psi

Background Gas 8.0
 Connection Gas .0
 Trip Gas 115.0
 Density 10.30 ppg
 ECD 11.35 ppg
 at 11053.1 feet
 with bit at 11053.0 feet

===== DRILL STRING =====

Date Run:	4-Feb-05	Date Pulled:	6-Feb-05	Length of BHA	: 1070.93
Time Run:	01:00	Time Pulled:	14:30	BHA Weight in Air	: 55.0
Depth In:	9921.3	Depth Out	: 11053.1	Above Jars:	40.0
				Below Jars:	15.0
				In Mud	: 46.5

8½" DSX173 PDC Bit, 1.15°Mud Motor, ADOS, AGS, Pony NMDC, XO, GVR, MWD, ADN, 3 x HWDP, Jars, 27 x HWDP

Connections				Nom	Stab Blade	Length	Section			
Tp	OD	ID	Grd	Size	Type	Wt/Len	OD In	OD Out	To Ctr Bend	Length

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DP    5.000    4.276 S135    4.500 IF    19.5                                9982.25
HW    5.000    3.000 ????    4.500 IF    50.0                                831.00
JR    6.250    2.750 ????    4.500 IF     .0                                31.92
HW    5.000    3.000 ????    4.500 IF    50.0                                92.65
LW    6.188    2.250 ????    5.500 FH    50.0                                20.47
MW    6.750    2.250 ????    5.500 FH    50.0    .000    .000    .00    27.49
LW    6.188    2.250 ????    5.500 FH    50.0                                10.10
XO    7.000    2.375 ????    4.500 REG    50.0                                1.90
ND    6.180    2.875 ????    4.500 IF    50.0                                11.84
ST    7.875    3.000 ????    4.500 IF    50.0    8.500    .000    .00    10.60
OT    6.875    2.313 ????    4.500 IF    50.0                                2.62
MM    6.625    2.313 ????    4.500 IF    50.0    8.375    .000    .00    .00    29.46
BT    8.500    2.000 ????    4.500 REG    50.0                                .82

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===== DAILY DRILL STRING =====
----- Weights -----      --- Torques ---      Cumulative Time On
WOB      0      Pick-up      390      Off-TD      7.5      BHA      .00
RPM     120      Slack-off      285      On-TD      12.8      Shock Sub      .00
                        Off-TD, Rotating      330                        Jars      .00

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===== CASING =====
Section    O.D.      Grade    Wt/Lng    Thread    Joints    Top      Bottom
      1      20.000    X56      202.900    ALT2      1        53.2     91.4
      2      20.000    X56      129.300    RL4S      11       91.4    509.7
      3      13.375    L80      68.000    BTC       60       50.9   2478.4
      4       9.625    L80      47.000    LTC      207       48.3   8290.3

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*** End 07-Feb-2005 report for WM1

Run 06-Feb-2005 15:37 Central Time