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Drilling

DETAILED DAILY REPORT
West Moonfish 1Company Use Only
03-Feb-2005

DRS Well ID: WM1	AFE L6101E001	Planned	Actual
Units : Mixed Oilfield	MD	m: 3438.00	2966.00
Office : Australia SE	TVD	m: 3149.00	2822.00
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	38.0
Rig Name : Ensco 102	- Ahead/Behind:		N/A
Operator : Esso Aus Res	- from Spud :		28.2
Field : Gippsland Basin	Spud Date :	05-Jan-2005	
Country : Australia	Progress m:		100.00
Latitude : 38d 9' 0" South	Drilling Hours :		21.25
Longitude : 147d 58' 41" East	ROP m/hr:		4.71
Water Depth: 52.00 m	Percentage NPT :		25.2
RKB Height : 39.24 m	Depth Reference:		Rig Floor (RKB)
Ground Elev: .00 m			
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 2526.87 MD, 2435.06 TVD
Leakoff Test : 16.60 ppg

Current: Drilling
Planned: Drill & Slide

Start	Elpsd	End MD	Description
00:00	.50	2866.00	TRIP Run string in hole -- Continue TIH to 2503m, (9-5/8" csg @ 2527m)
00:30	1.00	2866.00	RIG Service & Inspect Top Drive. C/O Swivel packing due to hrs.
01:30	1.00	2866.00	TRIP Run string in hole -- Continue TIH from 2503m to 2851m - hole good, no excess drag.
02:30	.25	2866.00	DRLG Wash from 2851m to 2866m - No fill.
02:45	21.25	2966.00	DRLG Drill & Slide from 2866m to 2966m.

WOB 38 klbs, 175 RPM @ 605 gpm, Surf RPM 85, 3050 psi.

239 KRevs, Bit Hrs (On Btm) 18.6

Rotate 42m // 6 hrs
Slide 58m // 14 hrs

Total 24.00

===== REMARKS =====

STOP / SOC Observation Cards: 40
Total Proactive Safety Efforts: 115
Conductor tensioner frame tension - 280 kips
Pretour Safety Meetings - High Winds, Drilling, Housekeeping, JSA's & Stepback 5x5

Days since last LTI: 879

Days since Last TRI: 7 (27-Jan-05)

Equipment Down: Deep well pumps #2 & #4. Company Reps Drilling Display

Activity to 0500 hrs 03 Feb 05

0000 - 0500

Drill & Slide from 2966m to 2990m

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

	Occurred?	Count	Most Recently Reported
BOP Control Function Test (BCFT)	No		26-Jan-2005
BOP Pressure Test	No		26-Jan-2005
Fire Drill	No		31-Jan-2005
Abandon Ship Drill	No		31-Jan-2005
Operations Superintendent Inspection	No		25-Jan-2005
Regulatory Agency Citation	No		
BOP Drill (Pit or Trip Drill)	Yes	2	02-Feb-2005
BOP System Inspection (Minicheck)	Yes	2	02-Feb-2005

===== PERSONNEL =====

Personnel : C Noll
 Supervisors : Bain, Roger L.
 Steel, Barry J.

Total Head Count: 75

Total Hours : 900.00

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

Contractor	Count	Company
57	ExxonMobil	3
0	Service Company	15

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

Cont TIH to 2503m, Serv Top Drive & C/O Swivel packing, TIH to 2866m,
 Drill/Slide from 2866m to 2966m.

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

AFE	Intangible	Tangible	Total	Mud
Dry : 21,400,000 Daily	304,906	0	304,906	8,605
Susp : 21,400,000 Cum Mbl	0	0	0	0
Comp : 0 Cum Drl	13,737,998	593,640	14,331,638	366,456
Total: 21,400,000 Cum Comp	0	0	0	0
	Cum W/O	0	0	0
Exc : 1.33330/US\$ Cum AFE	13,737,998	593,640	14,331,638	366,456

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

Time	23:00	Flowline Temp	65.0 deg C	% Solids	9.1
Mud Type	WBM	Filtrate	3.2 cc	% LGS	7.0
Sample From Flowline		Filter Cake	1.0 32nd"	% Sand	.20
		HTHP Temp	121.0 deg C	% Water	87.8
MD	2957.00 meters	Filtrate	11.6 cc	% Oil	.0
Density	10.20 ppg				
Viscosity	62 sec	Elec Stab	0 volts	Ca++	80
PV	20.0 cp	MBT	2.5 lb/bbl	Cl-	40000
YP	47.0 phsf	Excess Lime	.18 lb/bbl	CaCl2	0
Gels	10./ 14. phsf			pH	9.0
		Circ Volume	1522.4 barrel	Pf/Mf	.0/ .6
		Vol Hole Dr	23.0 barrel	Pm	.7

Rhe'try at 49.0 deg: 600/87 300/67 200/54 100/40 60/0 30/0 6/12 3/9

Maitain required Glycol concentration and PHPA excess. Traet to reduce HPHT
 fluid loss. Used new Baroid screen 210 mesh. Sulfide =0 ppm at @ 2871 m.2924 m
 and 2960 m.

===== SOLIDS CONTROL =====

Hours on Centrifuge: .00 Dilution Rate: .00

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

Usage	Receipts	Stock	Usage	Receipts	Stock
Barite	0	0	Fuel	6	0
Cement	0	0	Gel	0	0
Cement Blend	0	0	Potable Water	34	31
Drill Water	21	0			

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

Function	Name	Unit	Size	Amount
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===== BIT RECORD =====

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

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      8 1      8.500 BT STC GF11Y      2866.0 100.0 18.60 5.38 5.38      1049
===== HYDRAULICS =====
Pump Displaces      Rate      Nozzle Sizes      24.0 24.0 24.0  Annular Velocities
      bbl/st      str/min      32nd"      .0 .0 .0      ft/min
      1      .1390      52      .0 .0      DC (Max)      314.
      2      .1390      52      Total Flow Area 1.3254 in2      DP (Min)      295.
      3      .1390      0      Nozzle Velocity 44.80 m/sec      (Min OH)      314.
      Hole Diameter 8.500 inches      Riser (Min)      0.
      Bit
      Pressure Drop      197 psi
Pump Rate      104 str/min      6 % of SPP
Flow Rate      607.15 gpm      Impact Force      472 lbf
Pressure      3090 psi      Hydraulic HP      1.230 hp/in2
===== SURVEYS =====
      MD      Angle      Azimuth      TVD      Vert Sec      N+/S-      E+/W-      Dogleg
      2844.77      24.22      179.64      2719.68      -485.255      - 485.255      + 56.900      .702
      2853.96      24.18      180.01      2728.06      -489.022      - 489.022      + 56.911      .508
      2882.63      27.57      178.74      2753.85      -501.531      - 501.531      + 57.056      3.594
      2911.83      32.47      177.23      2779.13      -516.125      - 516.125      + 57.584      5.093
      2940.58      35.22      173.63      2803.01      -532.077      - 532.077      + 58.877      3.550
===== WELL CONTROL =====
Pump      Rate      Pressure      MD
      str/min      psi      meters
      1      30      680      2937.00      Burst (70%)      4806 psi
      2      30      850      2937.00      Formation Strength      16.60 ppg
      3      0      0      2937.00      Kick Tolerance      5.32 ppg
      Pore Pressure      8.80 ppg
      MASP      2659 psi
      Background Gas      6.0
Density      10.20 ppg      Connection Gas      .0
ECD      11.23 ppg      Trip Gas      41.0
      at      2966.00 meters
      with bit at      2965.70 meters
===== DRILL STRING =====
Date Run:      1-Feb-05      Date Pulled:      Length of BHA      :      326.410
Time Run:      18:30      Time Pulled:      BHA Weight in Air      :      55.0
Depth In:      2866.00      Depth Out      :      Above Jars:      40.0
      Below Jars:      15.0
      In Mud      :      46.5
8½" GF11Y STC TCI Bit, 1.15°Mud Motor, ADOS, AGS, Pony NMDC, XO, GVR, MWD, ADN,
3 x HWDP, Jars, 27 x HWDP

Tp      OD      ID      Grd      Connections      Nom      Stab Blade      Length      Section
      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      2639.600
HW      5.000      3.000 ????      4.500 IF      50.0      253.290
JR      6.250      2.750 ????      4.500 IF      .0      9.730
HW      5.000      3.000 ????      4.500 IF      50.0      28.240
LW      6.188      2.250 ????      5.500 FH      50.0      6.240
MW      6.750      2.250 ????      5.500 FH      50.0      .000      .000      .000      8.380
LW      6.188      2.250 ????      5.500 FH      50.0      3.080
XO      7.000      2.375 ????      4.500 REG      50.0      .580
ND      6.180      2.875 ????      4.500 IF      50.0      3.610
ST      7.875      3.000 ????      4.500 IF      50.0      8.500      .000      .000      3.230
OT      6.875      2.313 ????      4.500 IF      50.0      .800
MM      6.625      2.313 ????      4.500 IF      50.0      .000      .000      .000      .00      8.980
BT      8.500      2.000 ????      4.500 REG      50.0      .240
===== DAILY DRILL STRING =====
      ----- Weights -----      --- Torques ---      Cumulative Time On
WOB      38      Pick-up      335      Off-TD      5.8      BHA      113.35
RPM      110      Slack-off      305      On-TD      8.2      Shock Sub      .00
      Off-TD, Rotating      290      Jars      113.35

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===== CASING =====
Section    O.D.      Grade   Wt/Lng   Thread   Joints   Top      Bottom
   1       20.000   X56     202.900  ALT2      1       16.21    27.87
   2       20.000   X56     129.300  RL4S     11       27.87   155.35
   3       13.375   L80      68.000   BTC      60       15.50   755.42
   4        9.625   L80      47.000   LTC     207       14.72  2526.87
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*** End 03-Feb-2005 report for WM1

Run 02-Feb-2005 15:54 Central Time