

Daily Operations - A4

Well: SOUTH EAST REMORA-1

Wellbore Reg. Name: SER-1

Days (orig)	Planned	Actual (Cum)
	32.82	11.88
MD/TVD	3,936.08/ 3,671.99	1,085.00/ 1,084.99
Cost (w/suppl)	41,700,820	10,765,060

Esso Australia Pty. Ltd.
ExxonMobil Use Only

Unit Set: Mixed
Reference Elev: OP
Currency: AUD

Report No: 12 Progress: 0.00
Phase: Drilling, Drilling, Drill 12-1/4" hole to KOP @2338m

Page: 1 of 4
Rpt. Period: 12/26/2009 05:00 to 12/27/2009 05:00

Well Information

Country	Territory/State	Field Name	Lease	Operating Facility	Slot / Conductor
Australia	Victoria		VIC/RL-04		
Operator	Drilling Purpose	Regulatory Well ID	Local Latitude (DMS)	Local Longitude (DMS)	
Esso Australia Pty. Ltd.	Near Field Wildcat		38°9' 40.988" S	148°12' 58.46" E	
Original KB Elevation (m)	Ground Elevation (m)	KB-Ground Distance (m)	Working Elevation (m)	Water Depth (m)	Well Spud Date/Time
21.50	0.00	21.50	21.50	57.00	12/20/2009 02:00

Job Information

Primary Job Type	Job Start Date/Time	Job End Date/Time	Client	Working Interest (%)	Job Spud Date/Time
Drilling	12/15/2009 08:00		EMPC	50.00	12/20/2009 02:00
Stewarding Company	Stewarding Team	Primary Wellbore Affected	Orig DCI	Orig WCI	
EMDC Drilling	Australia	SOUTH EAST REMORA-1	3.4		
AFE or Job Number	Appropriation Type	Currency	Exchange Rate	Total Original AFE Amount	Tot AFE (w/Spp)
607/ 09000.1	Capital	AUD	0.67	41,700,820	41,700,820

Safety Incidents

Date/Time	Type	Lost Time?	Reportable?
12/26/2009 18:15	First Aid Incident	No	No

Comments

IP hand caught between drill pipe in mouse hole and horn on air operated elevators.
IP has 1.5cm cut on web of right hand, between index finger and thumb. Cleaned and Sterile Stripped installed.
IP return to Duty.
D-010 will follow.

Daily Operations Information

Rig (Names)	Cum % NPT (%)	Days From Spud	Days Ahead/Behind	Daily Cost Total		
Diamond Offshore - Ocean Patriot	4.21	7.13		742,505		
Daily Personnel Count	Daily Personnel (hrs)	Days Since Hurt	Days Since RI	Days Since LTI	Drill Time (hrs)	Average ROP (m/hr)
95.0	1,140.00	0.00	26.00	26.00		

Performance Limiter

Non-FDP Plateau Time

Activity at Report Time

Pick up 5" drill pipe

Management Summary

1 Incident (First Aid)
Stop Cards Red 22 Green 45

Lay out slip joint (unable to pass Diverter housing) DODI Perth notified and old Slip joint shipped to BBMT. ETA to ocean patriot 0400 hrs Dec 27th.
Pick up 5" drill pipe and rack in derrick and cont. with NAF mud readiness.

30"x20" Casing @ 148m
13.375 "Casing @ 1077m

Remarks

Days without spills = 25
- Carried pre-tour safety meetings with day and night crews. Topics: STOP cards, JSAs, pick up pipe

- Last Weekly Safety Meeting: 21-Dec-09.
- Last Ops Supt Inspection: 10-Dec-09.
- Last Fire / Abandon Ship Drill: 20-Dec-09.
- Last BOPE test: 10-Dec-09.
- Last BCFT: 10-Dec-09.
- Last Choke Manifold test: 12-Dec-09.
- Last Diverter function: 11-Dec-09.

Spud SER 1 Dec 20th @ 0200hrs

Wellbore	Average Background Gas	Average Connection Gas	Average Trip Gas	Average Drilling Gas	Maximum H2S (ppm)
SOUTH EAST REMORA-1					
Time Log (hrs)	Last Casing String	Next Casing String	Formation Description		
24.00	13 3/8	9 5/8			

Time Log

Start Time/Ti...	Elapsed Time (hrs)	End MD (mOP)	Category	NPT Ref #	Comments
05:00	1.00	1,085.00	BOP		M/u slip jt, Hyd Latch assy. unable to pass through Diverter Housing.
06:00	0.50	1,085.00	WAIT	3	Trouble shoot slip joint and diverter housing. New Hyd latch assy, OD 48 1/2" Diverter Housing OD 47"
					Call DODI (Perth) and track down old Slip Joint to be shipped to Rig
06:30	2.50	1,085.00	WAIT	3	Lay out slip joint, Remove cart from moon pool.

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Time Log

Start Time/Ti...	Elapsed Time (hrs)	End MD (mOP)	Category	NPT Ref #	Comments
09:00	0.50	1,085.00	WAIT	3	Jsa- Pull Bops, thru splash zone and capture same, store beacon
09:30	2.00	1,085.00	WAIT	3	Land bops on carrier break off term spool from bops and slack off guidelines and secure to bop guide post. ** Rov confirm 6m of slack in guide lines on sea bed**
11:30	1.00	1,085.00	WAIT	3	Skid Bops out under rotary, and lay out 2 joints of floatation riser and term joint
12:30	1.50	1,085.00	WAIT	3	Rig down riser running gear and clear rig floor.
14:00	3.00	1,085.00	TRIP		Jsa- Lay down 17 1/2" bha from derrick
17:00	0.50	1,085.00	TRIP		Install mouse hole and rig up to pick up 5" drill pipe
17:30	1.50	1,085.00	TRIP		Jsa- Pick up and rack back 5" drill pipe in derrick
19:00	0.50	1,085.00	WAIT	4	Stopped Job and had meeting with drill crew on hand injury incident. Re-inforced of paying attention and being aware of your work area.
19:30	9.50	1,085.00	TRIP		Pick up 5" drill pipe and rack back in derrick Total stands picked up 50 Held Meeting with on coming crew of incident.

Problem Events (NPT, Non-NPT, and Quality)

NPT Bearing?	Ref No	Category	Type	Start Date/Time	End Date/Time	Cum Dur (hrs)	Acc Party Type	Accountable Party
Yes	3	Surface Equipm...	BOP or riser problem	12/26/2009 06:00	12/26/2009 14:00	8.00	Contractor	DIAMOND OFFSHORE CO

Comment

Slip Jt assy would not pass Diverter housing.

NPT Bearing?	Ref No	Category	Type	Start Date/Time	End Date/Time	Cum Dur (hrs)	Acc Party Type	Accountable Party
Yes	4	Rig or Unit	Other rig or unit problem	12/26/2009 19:00	12/26/2009 19:30	0.50	Operator	EXXONMOBIL OIL CORP

Comment

Shut down operations to discuss incident with drill crew.

Phase Time and Cost Summary - Shows original AFE time and cost only - no supplement

Phase	Cum Actual (days)	Phase AFE (days)	Cum Actual Cost	Phase AFE Cost
Pre-Execution	0.00	0.00	1,600,000	1,200,000
Drilling	11.88	32.82	9,165,060	36,100,820
Post-Execution	0.00	0.00	0	4,400,000

Daily Personnel Count

Type	Head Count	Total Hours (hrs)	Comments
Contractor (Excluding SSE)	48	576.00	Diamond Offshore, crew
Contractor (SSE Only)	0		Diamond Offshore, crew
Contractor (Excluding SSE)	1	12.00	Diamond Offshore, BTB Safety
Contractor (Excluding SSE)	8	96.00	Diamond Offshore, ESS Catering
ExxonMobil	3	36.00	Drilling Supervisors
ExxonMobil	1	12.00	Engineer
Service Company	1	12.00	Drilling Logistics
Service Company	4	48.00	SLB Anadrill
Service Company	3	36.00	SLB Cementing/HLB
Service Company	2	24.00	HLB Baroid
Service Company	6	72.00	Sub Sea 7
Service Company	0		Neptune
Service Company	0		Go Marine
Service Company	0		Arrosmith positioning control
Service Company	2	24.00	Vetco Gray
Service Company	5	60.00	Scomi
Service Company	1	12.00	Weatherford casing
Service Company	7	84.00	Mud Loggers
Service Company	0		Tasman
Service Company	2	24.00	Geologist
ExxonMobil	1	12.00	Ops Supt.

Personnel on Location

Contact	Comments
Drilling Engineer, ExxonMobil, Juergen Schamp, 61-3-9270-3890	
Drilling Supervisor, Bond Logistics, Bryan Webb, 61-8-6311-4183	
Drilling Supervisor, ExxonMobil, Josh Lepp, 61-8-6311-4181	
Drilling Supervisor, ExxonMobil, Robert Spence, 61-8-6311-4182	
Ops Superintendent, ExxonMobil, Kevan Jenkins, 61-3-9270-3604	

Safety Check Summary

Type	Last Date	Freq
Abandon Ship Drill	12/20/2009 10:30	1

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Safety Check Summary

Type	Last Date	Freq
Fire Drill	12/20/2009 10:30	1
Operations Superintendent Inspection	12/27/2009 00:00	1
Pre-Tour Safety Meeting	12/26/2009 23:30	17
Safety Meeting	12/21/2009 00:30	3

STOP Cards and JSA's

Obs/JSA Type	No. Rpts	Comment
Green (+) SH&E Observations	45	
JSA's/JRA's (or equivalent)	43	
Red (-) SH&E Observations	22	

Weather and Sea Conditions

Time/Time	High Temp (°C)	Low Temp (°C)	Bar Pressure (mmHg)	Wind Speed (kno...)	Wind Azimuth (°)	Visibility (km)	Cloud Cover
05:00	20.0	18.0	1,018.0	20.0	90		
Water Temp (°C)	Wave Height (m)	Wave Azimuth (°)	Wave Period (s)	Swell Height (m)	Swell Azimuth (°)	Swell Period (s)	
	0.20	90	5.00	1.20	135	12.00	

Vessel and Riser

Vessel Offset (m)	Heave (m)	Pitch (°)	Roll (°)	Riser Tension (kips)
	0.10	0.10	0.10	
Vessel Heading (°)	Maximum Heave (m)	Maximum Pitch (°)	Maximum Roll (°)	Riser Angle (Botto m) (°)
210	0.10			

Anchors

Anchor Number	Tension (kips)	Maximum Tension (kips)
1	276.0	
2	273.0	
3	278.0	
4	280.0	
5	265.0	
6	326.0	
7	287.0	
8	269.0	

Support Vessels

Vessel Name	Vessel Type	Vessel Count	Arrival Dt/Tm	Departure Dt/Tm	Origin	Destination	Pass Capacity
Coral	Workboat		12/15/2009	12/23/2009			
Tourmaline	Workboat		12/24/2009				

Job Supply Summary

Typ	Unit Sz	Unit Label	Consumed	Cum Consumed	Received	Cum Received	Returned	Cum Returned	Cum On Loc
Barite	100	m3	0.0	0.0	106.0	241.0	0.0	0.0	241.0
Potable Water	1	m3	14.0	81.0	7.0	325.0	0.0	0.0	244.0
Bentonite	100	m3	0.0	25.0	0.0	26.0	0.0	0.0	1.0
Fuel	1	m3	11.6	86.1	0.0	890.5	0.0	0.0	804.4
Cement Neat	94	m3	0.0	0.0	0.0	122.0	0.0	0.0	122.0
Drill Water [aka Dilution/Makeup Water]	1	m3	8.0	212.0	30.0	414.0	0.0	0.0	202.0

Mud Additive Amounts

Function	Description	Sales Unit Size	Sales Unit	Consumption	Cum Consumption	Cost	Cum Cost
Filtration Reducer	ADAPTA HP	25.0	Kilogram		0.0		0
Filtration Reducer	BARACARB 25	25.0	Kilogram		0.0		0
Filtration Reducer	BARACARB 50	25.0	Kilogram		0.0		0
Filtration Reducer	BARACARB 50	25.0	Kilogram		0.0		0
Weighting Material	Barite	100.0	Pound		1,449.0		21,735

Safety Checks

Type	Result	Date/Time	Comments
Pre-Tour Safety Meeting	Satisfactory	12/26/2009 11:30	
Pre-Tour Safety Meeting	Satisfactory	12/26/2009 23:30	
Operations Superintendent Inspection	Satisfactory	12/27/2009 00:00	

Job Contacts - Only shows Superintendent(s) and Engineers(s)

Type	Name	Office
Drilling Engineer	Chris Meakin	61-3-9270-3536
Drilling Engineer	Juergen Champ	61-3-9270-3890
Drilling Engineer	Ryan Turton	61-3-9270-3008
Ops Superintendent	Kevan Jenkins	61-3-9270-3604
Ops Superintendent	Steve Wilson	61-3-9270-3604

Rig and BOP Information - all BOP's for this rig

Company	Rig Name	Rig Type	Rig Start Date/Time	Rig Release Date/Time
Diamond Offshore	Ocean Patriot	Semi-Submersible	12/15/2009	

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Installation	API Designation	Nominal ID (in)	Pressure Rating (psi)	Service	Height (m)
Subsea	CwRdRdAIAuCr	18 3/4	15,000.0	Sour (NACE)	13.07

Mud Pump - Liner Information

Pump Number	Make	Model	Start Date/Time	End Date/Time	Liner Size (in)	Displace... (bbl/stk)	Max Pressure (psi)	Calc Disp (bbl/stk)
1	National Supply	12-P-160	12/24/2009 00:00		6	0.1010	3,800.0	0.101
2	National Supply	12-P-160	12/20/2009 00:00		6	0.1010	4,600.0	0.101
3	Oilwell	A-1700-PT	12/24/2009 00:00		6	0.1010	3,800.0	0.101

Wellbore Information

Wellbore Name	Purpose	Profile Type	Regulatory Name	Regulatory ID
SOUTH EAST REMORA-1	Original Wellbore	Vertical	SER-1	SER-1
Parent Wellbore	Starting MD (mOP)	Kick-off MD (mOP)	Kick-off Method	Job
	78.50	78.50	Steerable Motor	Drilling, 12/15/2009 08:00 - <End Date/Time?>
Actual Dir Srvy	Prop Dir Srvy	VS Azimuth (°)	VS EW Origin (m)	Vertical Section North-South Origin (m)
Actual Survey SER-1	Proposed Survey SE Remora Rev 7.1	227.02	0.0	0.0

Wellbore (Hole) Sections

Act Start Dt/Tm	Act End Dt/Tm	Section	Diameter (in)	Actual Top MD (mOP)	Bottom MD (mOP)
12/20/2009 02:00	12/20/2009 05:00	Structural	36	78.50	150.50
12/22/2009 10:30	12/24/2009 06:00	Surface	17 1/2	150.50	1,085.00

PBTD's

Date	Type	Depth (mOP)	Total Depth (mOP)	Method	Comment
			1,085.00		

Deviation Survey (Tie point) - Actual Survey SER-1

Survey Date/Time	Description	Azimuth North Type	Job			
12/20/2009 02:00	Actual Survey SER-1	Grid North	Drilling, 12/15/2009 08:00 - <End Date/Time?>			
Tie-In MD (mOP)	Tie-In Inclination (°)	Tie-In Azimuth (°)	Tie-In TVD (mOP)	VS Tie In (m)	TieIn NS Offset...	TieIn EW Offset (m)
78.50	0.67	177.87	78.50	0.30	-0.46	0.02
Declination (°)	Convergence (°)	Comments				
13.10	-0.75	KB=21.5				

Casing Strings - Only shows information for the longest casing component in a string - for other components see casing detail report

Wellbore	Description	Nominal OD (in)	Nominal ID (in)	Nominal Weight (lbs/ft)	Nominal Grade	Nom Top Conn	Length (m)	Leak Off Dens (lb/gal)	Top MD (mOP)	Cut/Pull MD (mOP)	Bottom MD (mOP)
SOUTH EAST REMORA-1	Surface Casing	13 3/8	12.415	68.00	L-80	BTC	1,003.00		74.04		1,077.04