

Daily Operations - A4

Well: SOUTH EAST REMORA-1

Wellbore Reg. Name: SER-1

	Planned	Actual (Cum)
Days (orig)	32.82	10.88
MD/TVD	3,936.08/ 3,671.99	1,085.00/ 1,084.99
Cost (w/suppl)	41,700,820	10,022,555

Esso Australia Pty. Ltd.
ExxonMobil Use OnlyUnit Set: Mixed
Reference Elev: OP
Currency: AUDReport No: 11 Progress: 0.00
Phase: Drilling, Drilling, Drill 17-1/2" hole to 1085m

Page: 1 of 4

Rpt. Period: 12/25/2009 05:00 to 12/26/2009 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	Ttl Orig AFE	Tot AFE (w/Spp)
607/ 09000.1	Capital	AUD	0.67	41,700,820	41,700,820

Daily Operations Information

Rig (Names)	Cum % NPT (%)	Days From Spud	Days Ahead/Behind	Daily Cost Total		
Diamond Offshore - Ocean Patriot	1.34	6.13		742,505		
Daily Personnel Count	Daily Personnel (hrs)	Days Since Hurt	Days Since RI	Days Since LTI	Drill Time (hrs)	Average ROP (m/hr)
90.0	1,080.00	10.00	25.00	25.00		
Performance Limiter	Mitigation Attempts/Results					
Non-FDP Plateau Time						
Activity at Report Time	Next Activity					
M/u slip Joint	Latch BOP test same					

Management Summary

Run and land out 13 3/8" casing, cmt same. Make up Riser jts and splash BOP.

Remarks

Days without spills = 24

- Carried pre-tour safety meetings with day and night crews. Topics: STOP cards, JSAs, Running riser and BOPs

- 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	1.50	1,085.00	TBLR		Jsa-, R/d 13 3/8" casing elevators and FAC tool, R/u 5" dp elevators, Make up 18 3/4" WH & Cart assy.
06:30	1.50	1,085.00	TBLR		RIH wirh 13 3/8" casing and 18 3/4" WH on 5" hwdp to 1076m, Land out in 30" WH wih 50k down, Rig up surface lines, set full csg wt. down (180k) Take 50k overpull (ok) set down 120k of csg wt (180k MD reading)
08:00	1.50	1,085.00	CIRC		Circ. 731 bbls sea h2o @ 8bpm.
09:30	5.50	1,085.00	CMT		Break circ. with Cmt unit, pump 10 bbls test lines 300/2500. Pump 50 bbls drill h2o, release btm dart and pump 5 bbls to latch dart into plug, Mix/pump 614 bbls of 12.5ppg slurry (1618 sxs of class G). M/Pump 279 bbls of 15.8 ppg tail slurry (1350 sxs). Release top dart and displace with 10bbls Sea h2o @ 2bpm with cmt unit(Observe dart latch and release plug with 1640 psi, cont displacing cmt slurry with 478 bbls sea h2o with rig pumps @ 10bpm Reduce rate to 2 bpm and bump plug with 1400 psi (500 over FCR) check float ok. NOTE* Cmt returns @ surface after 220 bbls pumped)
15:00	1.50	1,085.00	TRIP		R/back cmt head and landing string (SLM 61.72m), Lay down Cart tool and pup joints.
16:30	1.50	1,085.00	TRIP		Skid rig 15m to port (Lay down cmt stand from derrick.)
18:00	1.50	1,085.00	TRIP		Clear rig floor of casing equip.
19:30	1.00	1,085.00	RIG		Service TDS/TBA (Re-install dolly roller on compensator dolly)
20:30	4.00	1,085.00	BOP		Jsa- r/u riser handling equip on floor. P/up term spool and make up double of riser, move BOP from stb to well center.
00:30	2.50	1,085.00	BOP		M/u Term spool to bops and install guide lines, and pod lines to bops, lift bop and skid carrier out and lower BOP and deploy Beacon. COnt to lower BOP through splash zone and onto spider.

Daily Operations - A4

Well: SOUTH EAST REMORA-1

Wellbore Reg. Name: SER-1

Days (orig)

MD/TVD

Cost (w/suppl)

Planned

Actual (Cum)

32.82	10.88
3,936.08/ 3,671.99	1,085.00/ 1,084.99
41,700,820	10,022,555

Esso Australia Pty. Ltd.
ExxonMobil Use Only

Unit Set: Mixed
Reference Elev: OP
Currency: AUD

Report No: 11 Progress: 0.00
Phase: Drilling, Drilling, Drill 17-1/2' hole to 1085m

Page: 2 of 4

Rpt. Period: 12/25/2009 05:00 to 12/26/2009 05:00

Time Log

Start Time/Ti...	Elapsed Time (hrs)	End MD (mOP)	Category	NPT Ref #	Comments
03:00	1.50	1,085.00	BOP		Fill Choke/Kill lines with SW and install cap to riser, Test same 300/10,000 for 5/10 min.
04:30	0.50	1,085.00	BOP		Pick up Slip joint

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	10.88	32.82	8,422,555	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	0		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	3	36.00	Scomi
Service Company	4	48.00	Weatherford casing
Service Company	2	24.00	Mud Loggers
Service Company	0		Tasman
Service Company	2	24.00	Geologist
ExxonMobil	1	12.00	Ops Supt.

Personnel on Location

Contact	Comments
Drilling 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
Fire Drill	12/20/2009 10:30	1
Pre-Tour Safety Meeting	12/25/2009 11:30	15
Safety Meeting	12/21/2009 00:30	3

STOP Cards and JSA's

Obs/JSA Type	No. Rpts	Comment
Green (+) SH&E Observations	63	
JSA's/JRA's (or equivalent)	26	
Red (-) SH&E Observations	28	

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	16.0	1,016.0	15.0	202		
Water Temp (°C)	Wave Height (m)	Wave Azimuth (°)	Wave Period (s)	Swell Height (m)	Swell Azimuth (°)	Swell Period (s)	
	0.50	202	4.00	1.00	225	9.00	

Vessel and Riser

Vessel Offset (m)	Heave (m)	Pitch (°)	Roll (°)	Riser Tension (kips)
Vessel Heading (°)	Maximum Heave (m)	Maximum Pitch (°)	Maximum Roll (°)	Riser Angle (Bottom) (°)

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				

Daily Operations - A4

Well: SOUTH EAST REMORA-1

Wellbore Reg. Name: SER-1

Days (orig)	Planned	Actual (Cum)
	32.82	10.88
MD/TVD	3,936.08/ 3,671.99	1,085.00/ 1,084.99
Cost (w/suppl)	41,700,820	10,022,555

Esso Australia Pty. Ltd.
ExxonMobil Use Only

Unit Set: Mixed
Reference Elev: OP
Currency: AUD

Report No: 11 Progress: 0.00
Phase: Drilling, Drilling, Drill 17-1/2' hole to 1085m

Page: 3 of 4

Rpt. Period: 12/25/2009 05:00 to 12/26/2009 05:00

Job Supply Summary

Typ	Unit Sz	Unit Label	Consumed	Cum Consumed	Received	Cum Received	Returned	Cum Returned	Cum On Loc
Barite	100	ft3	0.0	0.0	0.0	135.0	0.0	0.0	135.0
Potable Water	1	m3	40.0	67.0	0.0	318.0	0.0	0.0	251.0
Bentonite	100	m3	0.0	25.0	0.0	26.0	0.0	0.0	1.0
Fuel	1	m3	14.2	74.5	0.0	890.5	0.0	0.0	816.0
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	0.0	204.0	0.0	384.0	0.0	0.0	180.0

Mud Additive Amounts

Function	Description	Sales Unit Size	Sales Unit	Consumption	Cum Consumption	Cost	Cum Cost
Emulsifier	LE SUPERMUL	1,000.0	Liter		0.0		0
Filtration Reducer	BARACARB 150	25.0	Kilogram		0.0		0
Filtration Reducer	BARACARB 50	25.0	Kilogram		0.0		0
Shale Inhibitor	Calcium Chloride (94%)	25.0	Kilogram		0.0		0
Viscosifier	Rhemod L	190.0	Kilogram		0.0		0
Viscosifier	TAU-MOD	50.0	Pound		0.0		0

Safety Checks

Type	Result	Date/Time	Comments
Pre-Tour Safety Meeting	Satisfactory	12/25/2009 10:30	
Pre-Tour Safety Meeting	Satisfactory	12/25/2009 11:30	

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

Type	Name	Office
Drilling Engineer	Chris Meakin	61-3-9270-3536
Drilling Engineer	Juergen Schamp	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		
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

String No. 2

Drill String Name	String Number	Date/Time Run	Dt Lst Drig Par	MD In (mOP)	MD Lst Drig Par (mOP)	
17.5" pack assy	2	12/22/2009 10:30	12/25/2009 05:00	150.50	1,085.00	
Min WOB (1000lbf)	Min Total RPM (rp...)	Min Circ Rate (gpm)	Min SPP (psi)	Min Pickup HL (1000lbf)	Min Slackoff HL (1000lbf)	Min Rotate HL (1000lbf)
30	120	1,200	3,100.0	227	230	225
Max WOB (1000lbf)	Max Total RPM (rp...)	Max Circ Rate (gpm)	Max SPP (psi)	Max Pickup HL (1000lbf)	Max Slackoff HL (1000lbf)	Max Rotate HL (1000lbf)
45	120	1,200	3,450.0	227	230	225

Comments

String No. 2 - Bit Information

Bit	Bit And Run Number	Bit Type	Nozzles (/32")	Total Bit TFA (in ²)
17 1/2in, T11C, LW5756	2	Mill Tooth	20/20/16/20	1.12
IADC Classification	Hole Made (Run) (m)	Hours Drl (Run) (hrs)	ROP (m/hr)	IADC Dull Grade
115	934.50	31.00	30.1	1-2-WT-A-E-1-LN-TD

Daily Drilling Parameters and Hydraulics - If hydraulics are blank, check string output report for errors

Start MD (mOP)	End MD (mOP)	Avg ROP (Int) (m/hr)	Drill Time (hrs)	Total Circ Time (hrs)	WOB (1000lbf)	Total RPM (rpm)	Circ Rate (gpm)	Standpipe Pres (psi)	Rotating HL (1000lbf)	Pickup HL (1000lbf)	Slackoff HL (1000lbf)	Drilling Torque	ECD End (lb/gal)	HP/Area (hp/in ²)	Jet Vel (m/s)	Bit dP (psi)	% P @ bit (%)

String Components

Item Des	Nominal OD (in)	Nominal ID (in)	Nominal Weight (lbs/ft)	Grade	Length (m)	Btm Conn Thread	Btm Conn Size (in)	Serial Number	Blade OD (in)	Cum Len to Bit (m)	Cum Vol Disp (bbl)	Cum Weight (1000lbf)
Drill Pipe	5	4.276	19.50	S	558.08	NC50	4 1/2			841.11	47.9	114
Drill Pipe - Heavy Wall	5	3.000	49.30	E	141.92	NC50	4 1/2			283.03	35.9	79
XO Sub	7	2.813			0.77	NC50	4 1/2			141.11	28.7	56

Daily Operations - A4

Well: SOUTH EAST REMORA-1

Wellbore Reg. Name: SER-1

Days (orig)	Planned	Actual (Cum)
	32.82	10.88
	MD/TVD	3,936.08/ 3,671.99
Cost (w/suppl)	41,700,820	10,022,555

Esso Australia Pty. Ltd.
ExxonMobil Use Only

Unit Set: Mixed
Reference Elev: OP
Currency: AUD

Report No: 11 Progress: 0.00
Phase: Drilling, Drilling, Drill 17-1/2' hole to 1085m

Page: 4 of 4
Rpt. Period: 12/25/2009 05:00 to 12/26/2009 05:00

String Components

Item Des	Nominal OD (in)	Nominal ID (in)	Nominal Weight (lbs/ft)	Grade	Length (m)	Btm Conn Thread	Btm Conn Size (in)	Serial Number	Blade OD (in)	Cum Len to Bit (m)	Cum Vol Disp (bbl)	Cum Weight (1000lbf)
Drill Collars	8	2.875	149.89		17.58	NC50	4 1/2			140.34	28.6	56
Drilling Jars - Mechanical	8	3.250			10.10	NC50	4 1/2	2217OE		122.76	25.5	47
Drill Collars	8	2.875	149.89		55.72	NC50	4 1/2			112.66	23.8	47
XO Sub	9 1/2	3.250			1.16	NC50	4 1/2			56.94	13.9	20
Drill Collars	9 1/2	3.000	192.42		27.32	NC50	4 1/2			55.78	13.6	20
Drill Collar - Non Mag	9 1/2	3.000			8.89	NC50	4 1/2	DOTS6064		28.46	6.5	2
Stabilizer	9 1/2	2.875			2.03	NC50	4 1/2	207A92	17 3/8	19.57	4.2	2
MWD - Directional	9 1/2	5.900			8.85	NC50	4 1/2	E0436		17.54	3.7	2
Stabilizer	9 1/2	2.875			2.69	NC50	4 1/2	207A34	17 3/8	8.69	2.1	2
Drill Collars	9 1/2	3.000	220.05		3.21	NC50	4 1/2	502A12		6.00	1.4	2
Stabilizer - Near Bit	9 1/2	3.000			2.19	NC50	4 1/2	207A2	17 3/8	2.79	0.6	0

Wellbore Information

Wellbore Name SOUTH EAST REMORA-1	Purpose Original Wellbore	Profile Type Vertical	Regulatory Name SER-1	Regulatory ID SER-1
Parent Wellbore	Starting MD (mOP) 78.50	Kick-off MD (mOP) 78.50	Kick-off Method Steerable Motor	Job Drilling, 12/15/2009 08:00 - <End Date/Time?>
Actual Dir Srvy Actual Survey SER-1	Prop Dir Srvy Proposed Survey SE Remora Rev 7.1	VS Azimuth (°) 227.02	VS EW Origin (m) 0.0	Vertical Section North-South Origin (m) 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 12/20/2009 02:00	Description Actual Survey SER-1	Azimuth North Type Grid North	Job Drilling, 12/15/2009 08:00 - <End Date/Time?>
Tie-In MD (mOP) 78.50	Tie-In Inclination (°) 0.67	Tie-In Azimuth (°) 177.87	Tie-In TVD (mOP) 78.50
VS Tie In (m) 0.30	TieIn NS Offset... -0.46	TieIn EW Offset (m) 0.02	
Declination (°) 13.10	Convergence (°) -0.75	Comments 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

Cement

Cementing Start Date/Time 12/25/2009 09:30	Cementing End Date/Time 12/25/2009 15:00	Company Halliburton	String Surface Casing @ 1,077.04, Prop? No	Wellbore SOUTH EAST REMORA-1
---	---	------------------------	---	---------------------------------

Cement Stages

Stage Number 1	Stage Top MD (mOP) 75.00	Stage Bottom MD (mOP) 1,077.00	Average Pump Rate (bbl/min) 7	Ending Pump Pressure (psi) 1,400.0
Plug Failed to Bump? No	Float Failed? No	Full Returns? Yes	Reciprocated? No	Rotated? No

Cement Fluids

Fluid Type	Fluid Des	Vol Pumped (bbl)	Cement Class	Density (lb/gal)	Amount (sacks)	Yield (ft³/sack)
Lead	12.5	614.0	G	12.50	1,618	2.13