

Daily Operations - A4

Well: SOUTH EAST REMORA-1

Wellbore Reg. Name: SER-1

Days (orig)	Planned	Actual (Cum)
	32.82	12.88
MD/TVD	3,936.08/ 3,671.99	1,085.00/ 1,084.99
Cost (w/suppl)	41,700,820	11,507,565

Esso Australia Pty. Ltd.
ExxonMobil Use OnlyUnit Set: Mixed
Reference Elev: OP
Currency: AUDReport No: 13 Progress: 0.00
Phase: Drilling, Drilling, Drill 12-1/4" hole to KOP @2338mPage: 1 of 3
Rpt. Period: 12/27/2009 05:00 to 12/28/2009 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	6.15	8.13		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	1.00	27.00	27.00		

Performance Limiter	Mitigation Attempts/Results
Non-FDP Plateau Time	

Activity at Report Time	Next Activity
Unlatch slip joint and inspect inner barrel	M/u diverter, test bops

Management Summary

No Incidents
 Stop Cards Red 23 Green 43
 Pick up 5" drill pipe and rack in derrick 76 stds total, run riser and bop, latch up to HPWH and pull 50k (ok) Test connector 300/1500 (ok)

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

Remarks

Days without spills = 26
 - Carried pre-tour safety meetings with day and night crews. Topics: STOP cards, running bops, working in moon pool
 - Last Weekly Safety Meeting: 28-Dec-09.
 - Last Ops Supt Inspection: 27-Dec-09.
 - Last Fire / Abandon Ship Drill: 27-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	3.50	1,085.00	TRIP		Cont. pick up 5" drill pipe and rack in derrick Total stands picked up 76
08:30	1.50	1,085.00	TRIP		Pick up drilling jars and 1 stand of hwdp and rack in derrick
10:00	2.50	1,085.00	TRIP		M/u Halliburton cmt head assy and rack in derrick.
12:30	1.00	1,085.00	BOP		Clear off cat walk and prepare for running of riser.
13:30	3.00	1,085.00	BOP	5	Jsa- rig up and run Term joint and 2 joints of riser
16:30	2.00	1,085.00	BOP	5	N/up term joint to bops
18:30	1.00	1,085.00	BOP	5	M/up test tool and test choke/kill and double 300/10k for 5/10 min.
19:30	1.00	1,085.00	BOP	5	Pick up slip joint and make up same.
20:30	1.00	1,085.00	BOP		p/up landing joint and space out
21:30	2.50	1,085.00	BOP		Install choke and boost line on slip joint, and test choke/kill line 300/10k (ok)
00:00	1.00	1,085.00	BOP		Latch SDL ring, jump ROV check bull eye (Flex 0.5^ sbtd fwd , LMRP 0.5^ stb fwd, Bops 0^)
01:00	0.50	1,085.00	BOP		Move rig well center, and land out bops with 50k down, latch H4 connector (10.8 gals) and perform 50k over pull set back down 50k swap to yellow pod (36.5 gal) take over pull 50k, set back to neutral wt.
01:30	2.00	1,085.00	BOP		Install storm saddles and RBG plates, power up bop control panels
03:30	1.50	1,085.00	BOP		Line up cmt unit, brak circ. test H4 connector against shear rams 300/1500 psi (5/10 min). bleed off swap to blue pod and test to 500 psi (ok)

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Rpt. Period: 12/27/2009 05:00 to 12/28/2009 05:00

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	5	Surface Equipm...	BOP or riser problem	12/27/2009 13:30	12/27/2009 20:30	7.00	Contractor	DIAMOND OFFSHORE CO

Comment
Cont. with NPT Ref # 3

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	12.88	32.82	9,907,565	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)	50	600.00	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	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	0		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	12/27/2009 10:30	2
Fire Drill	12/27/2009 10:30	2
Operations Superintendent Inspection	12/27/2009 00:00	1
Pre-Tour Safety Meeting	12/27/2009 00:00	18
Safety Meeting	12/27/2009 00:00	5

STOP Cards and JSA's

Obs/JSA Type	No. Rpts	Comment
Green (+) SH&E Observations	42	
JSA's/JRA's (or equivalent)	29	
Red (-) SH&E Observations	23	

Weather and Sea Conditions

Time/Time	High Temp (°C)	Low Temp (°C)	Bar Pressure (mmHg)	Wind Speed (kno...)	Wind Azimuth (°)	Visibility (km)	Cloud Cover
00:00	20.0	18.0	1,017.0	10.0	120		
Water Temp (°C)	Wave Height (m)	Wave Azimuth (°)	Wave Period (s)	Swell Height (m)	Swell Azimuth (°)	Swell Period (s)	
	0.50	120	4.00	1.00	70	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
Tourmaline	Workboat		12/24/2009				
Coral	Workboat		12/15/2009	12/23/2009			

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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	0.0	241.0	0.0	0.0	241.0
Potable Water	1	m3	22.0	103.0	0.0	325.0	0.0	0.0	222.0
Bentonite	100	m3	0.0	25.0	0.0	26.0	0.0	0.0	1.0
Fuel	1	m3	12.7	98.8	0.0	890.5	0.0	0.0	791.7
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	11.0	223.0	37.0	451.0	0.0	0.0	228.0

Safety Checks

Type	Result	Date/Time	Comments
Abandon Ship Drill	Satisfactory	12/27/2009 10:30	Night Drill
Fire Drill	Satisfactory	12/27/2009 10:30	Night Drill

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	CwRdRdAlAuCr	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 DI/Tm	Act End DI/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