| Daily Operations - A4 | Days (orig) | Planned 32.82 | Actual (Cum) 6.88 |] | Esso Australia Pty. Ltd. ExxonMobil Use Only |
|---|----------------|--------------------|----------------------|-----------------------------------|---|
| Wellbore Reg. Name: SER-1 | MD/TVD | 3,936.08/ 3,671.99 | 150.50/ 150.49 | Unit Set: Mi Reference Elev: O | |
| Report No: 7 Progress: 0.00 | Cost (w/suppl) | 41,700,820 | 6,842,535 | Currency: Al | |
| Phase: Drilling, Drilling, Drill 17-1/2" hole to 100 |)0m | | | Rpt. Period: | 12/21/2009 05:00 to 12/22/2009 05:00 |

| Well Information | | | | | | | | | |
|---------------------------|------------------------------|-------------------------|---------|-----------------|------------|-------------|------------------|------------------|--------------------|
| Country | Territory/State | Field Name | | Lease | | Operating | Facility | Slot / Conductor | |
| Australia | Victoria | | י | VIC/RL-04 | | | | | |
| Operator | | Drilling Purpose | I | Regulatory Well | ID | Local Latit | ude (DMS) | Loca | Longitude (DMS) |
| Esso Australia Pty. Ltd. | | Near Field Wildcat | | | | 38° 9' 40.9 | 988" S | 148° | 12' 58.46" E |
| Original KB Elevation (m) | Ground Elevation (m) | KB-Ground Distance (| (m) 🛛 | Working Elevati | on (m) | Water Dep | th (m) | Well | Spud Date/Time |
| 21.50 | 0.00 | 21.50 | | 21.50 |) | | 57.00 | 1 | 2/20/2009 02:00 |
| Job Information | | | | | | | | | |
| Primary Job Type | Job Start Date/Time | Job End Date/Time | | Client | | Working In | terest (%) | Job S | Spud Date/Time |
| Drilling | 12/15/2009 08:00 | | I | EMPC | | | 50.00 | 1 | 2/20/2009 02:00 |
| Stewarding Company | Stewarding Team | | 1 | Primary Wellbor | e Affected | 1 | | Orig | DCI Orig WCI |
| EMDC Drilling | Australia | | | SOUTH EAST | | -1 | | - (| 3.4 |
| AFE or Job Number | Appropriation Type | Currency | | Exchange Rate | - | Ttl Orig AF | E | Tot A | FE (w/Spp) |
| 607/ 09000.1 | Capital | AUD | | 0.67 | | | 700,820 | | 41.700.820 |
| Daily Operations Inform | | | | | | | | | |
| Rig (Names) | | Cum % NPT (%) | Days | From Spud | Days Ahea | d/Behind | Daily Cost Total | | |
| Diamond Offshore - Ocea | an Patriot | 1.82 | | 2.13 | | | | 742, | 505 |
| Daily Personnel Count | Daily Personnel (hrs) | | Davs | Since RI | Days Sinc | e LTI | Drill Time (hrs) | · ·_, | Average ROP (m/hr) |
| 94.0 | 1,128.00 | 6.00 | | 21.00 | | .00 | | | / |
| Performance Limiter | .,.20.00 | 0.000 | Mitiga | tion Attempts/R | | | | | |
| | | | | | | | | | |
| Activity at Report Time | | | Next A | Activity | | | | | |
| Run bha to well head | | | 1 | hoe track, and | 17.5" hole |) | | | |
| Management Summary | | | _ | , | | | | | |
| Cmt 30"x 20" casing, WO | C. lav out cart tool. Handle | e Bha and rack in Der | rrick. | | | | | | |
| Remarks | | | - | | | | | | |
| Days without spills = 20 | | | | | | | | | |
| | neetings with day and nigl | nt crews. Topics: STC |)P car | ds. JSAs. pick | up BHA. a | and Runnir | na tools | | |
| | nootingo min day and nigi | | our our | | up Bring | | ig toolo | | |
| - Last Weekly Safety Mee | ting: 21-Dec-09 | | | | | | | | |
| - Last Ops Supt Inspectio | | | | | | | | | |
| - Last Fire / Abandon Shi | | | | | | | | | |
| - Last BOPE test: 10-Dec | | | | | | | | | |
| - Last BCFT: 10-Dec-09. | -03. | | | | | | | | |
| - Last Choke Manifold tes | t 12 Dec 00 | | | | | | | | |
| - Last Choke Manifold tes | | | | | | | | | |
| | T-Dec-09. | | | | | | | | |
| Spud SER 1 Dec 20th | @ 0200hrs | | | | | | | | |
| | | | | | | | | | |
| Cont to Review NAF read | liness with crews with pres | sentation and instructi | ion fro | m Tasman/Sco | omi Env su | pervisors. | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Wellbore | Average Background Gas | Average Connection C | Gas | Average Trip Ga | IS | Average D | rilling Gas | Maxir | num H2S (ppm) |
| SOUTH EAST | | | | | | | | | |
| REMORA-1 | | | | | | | | | |

| Time Log (hrs) Last Casing String | | | | Ne | ext Casing Stri | | | | | | | | | |
|-----------------------------------|--------------------------|-----------------|------------|--------------|--|----------------------------|--------------------------|--------------------------------|--------------------------|--|--|--|--|--|
| | 24.00 | | | | 30 |)" conductor | | | | | | | | |
| Time Lo | g | | | | | | | | | | | | | |
| Start Time/Ti | Elapsed Time (hrs) | End MD (mOP) | Category | NPT Ref # | | Comments | | | | | | | | |
| 05:00 | 1.50 | 150.50 | CIRC | | Complete rig position Port 3/4" stb | on, RDGB bull | l eye, Aft- 1/2^ stb fwd | | | | | | | |
| 06:30 | 1.50 | 150.50 | СМТ | | (check floats ok). Sacks mixed 1488 | | | | | | | | | |
| 08:00 | 8.00 | 150.50 | CMT | | WOC- Monitor well | head with RO | OV. | | | | | | | |
| 16:00 | 0.50 | 150.50 | TRIP | | Jsa- slack of wt. (no | o movement ir | n RDGB) release RT too | ol with 5 1/2 turns to right a | and trip out to surface. | | | | | |
| 16:30 | 1.00 | 150.50 | TRIP | | Lay out cart tool (wh | hile move rig [•] | 15m stb off location) Ra | ick back 5" inner string | | | | | | |
| 17:30 | 1.50 | 150.50 | TRIP | | rig up floor, lay out | cmt stand and | d 26" x 36" bha from der | rrick | | | | | | |
| 19:00 | 6.00 | 150.50 | TRIP | | Prepare cmt head on Howco wiper plugs | , | | I rack in derrick, Make up ? | 18 3/4" cart assy with | | | | | |
| 01:00 | 2.00 | 150.50 | TRIP | | M/u cmt stand and | rack back in d | lerrick | | | | | | | |
| 03:00 | 2.00 | 150.50 | TRIP | | Jsa- m/u 17.5" bha | and install gu | ide ropes in moon pool | to bha, while reposition rig | over location | | | | | |
| Phase T | ime and | Cost Sun | nmary - Sh | nows ori | inal AFE time and | cost only - n | o supplement | | | | | | | |
| Phase Cum A | | | | | | (days) | Phase AFE (days) | Cum Actual Cost | Phase AFE Cost | | | | | |
| Pre-Exe | cution | | | | | 0.00 | 0.00 | 1,600,000 | 1,200,000 | | | | | |
| Drilling | | | | | | 6.88 | 32.82 | 5,242,535 | 36,100,820 | | | | | |
| Post-Ex | ecution | | | | | 0.00 | 0.00 | 0 | 4,400,000 | | | | | |

| Phase: Dillip Dillip Contractor Rpt Period: 12/21/02/0 05/01/a 12/22/02/0 05/01/a Dilly Ecosonal Count 1/24 Hors Anits 0 Contractor | Daily Opera | tions - A4 | ! | Deve | (orig) | | anned | Actual (C | um) | | | Esso Au | stralia Pty. Lt | |
|--|---|------------|---------|---------------|-----------|------------|--------------|----------------|----------|-----------------|-----------|---------------|-----------------|--|
| Report No: 7 Progress: 0.0 Cost (w/supp) 41.00.80 6.84235 Continue (all 1/21/2000 00.000 / 12.202.00.00 Page: 2.0 Rpt Pariod: 12.000 00.000 / 12.202.00.00 Page: 2.0 Rpt Pariod: 12.000 00.000 / 12.202.00.00 Rpt Pariod: 12.000 00.000 / 12.202.00.00 Rpt Pariod: 12.000 00.000 / 12.202.000.00 Rpt Pariod: 12.000 00.000 / 12.202.000.00 Rpt Pariod: 12.000 00.000 / 12.202.000.00 Rpt Pariod: 12.000 / 12. | | | -1 | - | , | | | |) 49 | | | | konmobil Use Or | |
| Bigur Null Trigge a. UM Page 7. DRI Perced: 122/0009.05.00 fr /2220000.05 122200000.05 12200000.05 | - | | | Cost (w/ | | | | | | | |) | - | |
| Daily Personnal Count Head Count Tetal Hors (hr) Comments Contractor (SSC Only) 0 Diamond Offshore, crew Comments Contractor (SSC Only) 0 Diamond Offshore, crew Comments Contractor (SSC Only) 0 Diamond Offshore, STS Safety Comments Contractor (SSC Congany 1 12.00 Engineer Safety Service Company 4 48.00 SIA Andrill Safety Service Company 4 48.00 SIA Andrill Safety Service Company 2 24.00 Numeric Nameric Na | | | | | | , | /00/020 | 010 12,000 | <u> </u> | | - | | | |
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| Contract Comments Diffling Supervisor, ExconMobil, Josh Logistics, Bryan Webb, 61-8-6311-4183 <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>12.00</td> <td>Tasman</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | 1 | | 12.00 | Tasman | | | | | | | |
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| Drilling Supervisor, Bond Logistics, Bryan Webb, 61-8-6311-4183 Drilling Supervisor, ExxonMobil, Robert Spence, 61-8-6311-4182 Safety Check Summary Type t2/20/2009 10:30 Fire Drill 12/20/2009 10:30 Fire Drill 12/20/2009 10:30 Fire Drill 12/20/2009 10:30 Safety Meeting 12/21/2009 23:30 Safety Meeting 12/21/2009 00:30 STOP Cards and JSA'S Freq Meeting 12/21/2009 00:30 STOP Cards and JSA'S Safety Meeting 12/21/2009 00:30 STOP Cards and JSA'S Safety Meeting 12/21/2009 00:30 STOP Cards Safety Meeting 12/21/2009 00:30 Stop 12/3 Vessel Safety Meeting 12/21/2009 00:30 Stop 12/3 Vessel Safety Mind Speed (kno Wind Azimuth (*) Visibility (km) Cloud Cover 0:00 18.00 Vessel and Riser Vessel Offset (m) Heave (m) 0.20 Anchors Maximum Heave (m) 0.20 Anchors Maximum Heave (m) 0.30 Anchor Number Tension (kips) Maximum Pitch (*) Maximum Roll (*) Riser Tension (kips) 1 Anchor Number Tension (kips) Maximum Pitch (*) Maximum Roll (*) Riser Angle (Bottom) (*) 2 Support Vessel Safety Vessel Type Vessel Count Arrival DI/Tm Departure DI/Tm Origin Destination Pass Capacity Vessel Neme Vessel Type Vessel Count Arrival DI/Tm Departure DI/Tm Origin Destination Pass Capacity Vessel Neme Vessel Type Vessel Count Arrival DI/Tm Departure DI/Tm Origin Destination Pass Capacity Vessel Neme Vessel Type Vessel Count Arrival DI/Tm Departure DI/Tm Origin Destination Pass Capacity Vessel Neme Vessel Type Vessel Count Arrival DI/Tm Departure DI/Tm Origin Destination Pass Capacity Vessel Neme Vessel T | Drilling Engineer | EwenMahil | | | 2 0 2 7 0 | 2000 | | | | CO | mmenus | | | |
| Drilling Supervisor, ExxonMobil, Robert Spence, 61-8-6311-4182 Stafety Check Summary Last Date Freq Abandon Ship Drill 12/20/2009 10:30 Freq Abandon Ship Drill 12/20/2009 10:30 Freq Stafety Check Summary 12/21/2009 23:30 Freq Stafety Meeting 12/21/2009 20:30 Freq Stafety Meeting 12/21/2009 10:30 Freq Water Freq (*) SH&E Observations 61 Freq Stafety Meeting 35 Comment Freq Weather and Sea Conditions 10.0 Swell Azimuth (*) Visibility (km) Cloud Cover Time?Time High Temp (*O) Low Temp (*O) 8 8 800 Vessel And Riser 0.20 0.10 | | | | | | | | | | | | | | |
| Drilling Supervisor, ExxonMobil, Robert Špence, 61-8-6311-4182 Saféty Check Summary Type Last Date Freq Abandon Ship Drill 12/20/2009 10:30 Fire Drill 12/20/2009 10:30 Safety Meeting 12/21/2009 23:30 Safety Meeting 12/21/2009 00:30 STOP Cards and JSA's Comment Obs/JSA Type No. Rpts Comment StoP Cards and JSA's StoP Cards and JSA's StoP Cards and JSA's StoP Cards and Stop Table No. Rpts Comment StoP Cards and Stop Table No. Rpts Comment Consumption StoP Cards and Stop Table No. Rpts Comment Consumption StoP Cards and Stop Table No. Rpts Comment Consumption StoP Cards and Stop Table No. Rpts Comment Consumption StoP Cards and Stop Table No. Rpts Comment Consumption Stop Cards and Stop Table No. Rpts Comment Consumption Stop Cards and Stop Table No. Rpts Comment Consumption No. Rpts No. | - · | - | | • | | | | | | | | | | |
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| Type Last Date Freq Abandon Ship Drill 12/2/07/2009 10:30 Image: Constraint of the | | | , Robe | n Spence, 61- | 8-6311- | 4182 | | | | | | | | |
| Abandon Ship Drill 12/20/2009 10:30 Fire Drill 12/20/2009 10:30 Pre-Tour Safety Meeting 12/21/2009 2:30 Safety Meeting 12/21/2009 2:30 Strep Cards and JSA's Comment Obs/JSA Type No. Rpts Obs/JSA Type No. Rpts Obs/JSA Type No. Rpts Obs/JSA Type Strep Counce Obs/JSA Type No. Rpts Obs/JSA Type No. Rpts Constraint Comment Obs/JSA Type No. Rpts Constraint 21 Weather and Sea Conditions 21 Water Temp (*C) Low Temp (*C) 17.0 Wave Period (s) 2.00 10.0 135 Swell Azimuth (*) Vessel Offset (m) Heave (m) 0.20 Pitch (*) 0.10 0.10 0.10 Roll (*) Riser Angle (Bottom) (*) 8.00 Vessel Offset (m) Heave (m) 0.20 0.10 0.10 Riser Angle (Bottom | Safety Check Su | | | | | | | Leat Data | | | | En | ~ | |
| Fire Drill 12/20/2009 10:30 Pre-Tour Safety Meeting 12/21/2009 23:30 Safety Meeting 12/21/2009 23:30 STOP Cards and JSA's Obs/JSA Type Obs/JSA Type No. Rpts Green (+) SH&E Observations 61 JSA's/JRA's (or equivalent) 35 Red (-) SH&E Observations 21 Weather and Sea Conditions 21 Weather and Sea Conditions 17.0 Time/Time High Temp (*C) Low Temp (*C) 0.30 17.0 Bar Pressure (mmHg) 10.0 10.0 10.0 10.0 10.0 0.30 17.0 Wave Period (s) 2.00 10.0 0.30 0.30 0.10 Roll (*) Swell Acimuth (*) Swell Period (s) 0.10 0.30 0.10 Roll (*) Riser Angle (Bottom) (*) 210 0.30 260.0 282.0 280.0 Anchor Number Tension (kips) Maximum Pitch (*) Maximum Tension (kips) Maximum Tension (kips) 1 260.0 282.0 280.0 280.0 280.0 280.0 <tr< td=""><td>Abandan Shin Dr</td><td></td><td></td><td></td><td>10/</td><td>20/2000</td><td>10.20</td><td>Lasi Dale</td><td></td><td></td><td></td><td>Field</td><td>4</td></tr<> | Abandan Shin Dr | | | | 10/ | 20/2000 | 10.20 | Lasi Dale | | | | Field | 4 | |
| Pre-Tour Safety Meeting 12/21/2009 23:30 Safety Meeting 12/21/2009 00:30 STOP Cards and JSA's Comment Obs/JSA Type No. Rpts Comment Green (+) SH&E Observations 61 Stop Cards and SA's Comment Stafist (Ar or equivalent) 35 Comment Comment Comment Stafist (Or equivalent) 35 Comment Comment Comment Comment Comment Comment Comment Second Cover | • | | | | | | | | | | | | | |
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| Water Temp (°C) Wave Height (m) Wave Azimuth (°) Wave Period (s) Swell Height (m) Swell Azimuth (°) Swell Period (s) Swell Period (s) <td></td> <td></td> <td></td> <td></td> <td>Dai</td> <td></td> <td></td> <td>•</td> <td>(110</td> <td>Mina Azimaan (</td> <td>/ 13151</td> <td> ,</td> <td></td> | | | | | Dai | | | • | (110 | Mina Azimaan (| / 13151 | , | | |
| 0.30 2.00 1.00 135 8.00 Vessel Offset (m) Heave (m) 0.20 0.10 Riser Tension (kips) 0.20 0.10 0.10 0.10 Riser Angle (Bottom) (*) Vessel Heading (*) Maximum Heave (m) 0.30 Maximum Roll (*) Riser Angle (Bottom) (*) 210 0.30 Maximum Pitch (*) Maximum Roll (*) Riser Angle (Bottom) (*) Anchor Number Tension (kips) Maximum Tension (kips) 1 < | | | (m) \ | | °) Way | , | | | (m) | Swell Azimuth (| °) Swell | | 0 | |
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| 33 282.0 44 278.0 55 262.0 66 260.0 7 282.0 8 269.0 Support Vessel Sum Vessel Name Vessel Count Arrival Dt/Tm Departure Dt/Tm Origin Destination Pass Capacity Tourmaline Workboat 12/15/2009 1 | 1 | | | | | | | 260.0 | | | | | | |
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| Vessel Name Vessel Type Vessel Count Arrival Dt/Tm Departure Dt/Tm Origin Destination Pass Capacity Tourmaline Workboat 12/15/2009 | Support Vessels | | | | | | | | | | | | | |
| Tourmaline Workboat 12/15/2009 | | | /pe | Vessel Cou | nt | Arrival I | Dt/Tm | Departure Dt/T | m | Origin | De | estination | Pass Capacity | |
| | | , | | | | | | | | 5 | | | | |
| | Coral | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 1 | |
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| Daily Operations - A4 | Days (orig) | Planned 32.82 | Actual (Cum) 6.88 | Esso Australia Pty. Ltd. ExxonMobil Use Only |
|--|----------------|--------------------|----------------------|--|
| Well: SOUTH EAST REMORA-1 Wellbore Reg. Name: SER-1 | MD/TVD | 3,936.08/ 3,671.99 | 150.50/ 150.49 | Unit Set: Mixed Reference Elev: OP |
| Report No: 7 Progress: 0.00 | Cost (w/suppl) | 41,700,820 | 6,842,535 | Currency: AUD Page: 3 of 4 |
| Phase: Drilling, Drilling, Drill 17-1/2" hole to 100 |)0m | | | Rpt. Period: 12/21/2009 05:00 to 12/22/2009 05:00 |

| Fluid Checks | | | | | | | | | | | | | | | | | |
|----------------------------|------------------|----------|--------|-------------|---------------------|-----------|----------|---------------------------|--------|---------------|-------------------------|---------|-----------------------|----------|----------------|-------------------------------|--|
| Source | Date/Time | | 1 | Fluid Type | • | Fluid | Categ | ory | MD | O (mOP) | | Densi | ty (lb/gal) | E | CD (lb | /gal) | |
| Pit | 12/21/2 | 009 05 | | Water Ba | | | - | ater Gel | | 150. | 5 | | 8.50 | | • | - | |
| Funnel Viscosity (s/qt) | FL Temp (| (°C) | ľ | Plastic Vis | cosity (cp) | Yield | Point | (lbf/100ft ²) |) 10- | -Sec Gel (I | of/100ft ²) | 10-Mi | n Gel (lbf/10 | 0ft²) 30 |)-Min | Gel (lbf/100ft ²) | |
| 600 RPM Dial Reading | 300 RPM [| Dial Rea | ding | 200 RPM [| Dial Reading | 100 R | PM Di | ial Reading | g 6 R | RPM Dial R | eading | 3 RPN | I Dial Readi | ng Vi | sc Te | mp (°C) | |
| API FL (mL/30min) | API FC (/3 | 2") | 1 | HTHP FL (| mL/30min) | HTHP | FC (/: | 32") | нт | HP Temp (| °C) | HTHP | Pressure (p | si) Bł | HST (' | °C) | |
| Excess Lime (lb/bbl) | Ca++ (mg/ | /L) | | Chlorides | (mg/L) | n (Cal | c) | | К (| (Calc) | | Wellb | | | | | |
| рН | Pm (mL/m | IL) | - | Pf (mL/mL |) | Mf (m | L/mL) |) | Pot | tassium (n | ng/L) | | TH EAST R (Ib/bbl) | | A-1 Ctivity | , | |
| 9.5 | W/DC (mmm | | | | | Filter | <u> </u> | | - | n Contont | (ma/l) | NITL | | | - | • | |
| Alkalinity (mL/mL) | WPS (ppm | 1) | | | Stability (V) | Filter | Size (| µm) | Iro | n Content | (mg/L) | NTU | | | CT (°C | - | |
| Volume % Water (%) | Volume % | oil (%) | (| Oil/Water | Ratio | Sand | Conte | ent (%) | Vo | lume % So | lids (%) | LGS (| %) | H | GS (% | .) | |
| Circ Volume (bbl) 176.2 | Active Pit | Vol (bb | I) I | | olume (bbl) 69.0 | Whole | e Mud | Added (b. | Ba | se Fluid A | dd (bbl) | Addit | ives Vol (bbl |) Di | lutior | Rate | |
| Evap Vol Add (bbl) | Downhole | Losses | 6 (b (| Cum DH L | | Surfa | ce Los | sses (bbl) | Cu | m Surf Lo | ss (bbl) | Cumu | lative Mud A | Added (b | obl) | | |
| Comments | | | | | | | | | | | | | | | | | |
| Job Supply Summar | rv. | | | | | | | | | | | | | | | | |
| cos cappiy canina | · | | | | | | | | | | | | | Cum | | | |
| Тур | | Unit Sz | Uni | t Label | Consume | d C | um Co | insumed | Red | ceived | Cum Rec | eived | Returned | Return | ed | Cum On Loc | |
| Potable Water | | 1 | m3 | | | 0.0 | | 0.0 | | 0.0 | | 277.0 | 0.0 | | 0.0 | 277.0 | |
| Fuel | | 1 | m3 | | | 0.0 | | 0.0 | | 0.0 | 1, | 214.0 | 0.0 | | 0.0 | 1,214.0 | |
| Drill Water [aka | | 1 | m3 | | | 0.0 | | 0.0 | | 0.0 | | 22.0 | 0.0 | | 0.0 | 22.0 | |
| Dilution/Makeup Wate | ər] | | | | | | | | | | | | | | | | |
| Barite | | 100 | Pound | t | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 | |
| Bentonite | | 100 | Pound | t | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 | |
| Cement Neat | | | Pound | | | 0.0 | | 0.0 | | 0.0 | | 0.0 | 0.0 | | 0.0 | 0.0 | |
| Mud Additive Amour | nts | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Cu | | | | | |
| Function | | | | cription | Sa | les Unit | | Sales L | | Consur | nption | Consu | mption | Cost | | Cum Cost | |
| Alkalinity (pH) | 0 | Caustic | Soda | | | | 25.0 | Kilogram | | | 82.0 | | 82.0 | 6, | 831 | 6,831 | |
| Alkalinity (pH) | | Lime | | | | | | Kilogram | | | | | 0.0 | | | C | |
| Calcium Remover | | Soda A | | | | | | Kilogram | | | 5.0 | | 5.0 | | 87 | 87 | |
| Shale Inhibitor | 0 | Calcium | n Chlo | ride (94% |) | | | Kilogram | | | | | 0.0 | | | C | |
| Viscosifier | E | Bentoni | te | | | | | Kilogram | | | 27.0 | | 27.0 | | 452 | 12,452 | |
| Weighting Material | E | Barite | | | | 1 | 00.0 | Pound | | · · | ,449.0 | | 1,449.0 | 21, | 735 | 21,735 | |
| Safety Checks | | | | | | | | | | | | | | | | | |
| Туре | | | | Result | Date/ | | | | | | | Comm | ents | | | | |
| Pre-Tour Safety Meet | | | 1 | factory | 12/21/200 | | | | | | | | | | | | |
| Pre-Tour Safety Meet | | | | factory | 12/21/200 | | 0 | | | | | | | | | | |
| Job Contacts - Only | shows Su Type | uperint | enden | nt(s) and | Engineers(| S) | Na | me | | | | | 0 | Office | | | |
| Drilling Engineer | | | | Cł | nris Meakin | | | | | | 61-3-9 | 270-3 | 536 | | | | |
| Drilling Engineer | | | | | ergen Scha | mp | | | | | 61-3-9 | 270-3 | 890 | | | | |
| Drilling Engineer | | | | Ry | an Turton | | | | | | 61-3-9 | 270-3 | 800 | | | | |
| Ops Superintendent | | | | Ke | evan Jenkin | S | | | | | 61-3-9 | 270-3 | 604 | | | | |
| Ops Superintendent | | | | St | eve Wilson | | | | | | 61-3-9 | 270-3 | 604 | | | | |
| Rig and BOP Inform | | | | is rig | | | | | | | | | | | | | |
| Company | F | Rig Nam | | _ | | Туре | | | | Rig Star | t Date/Tin | | Rig | Release | e Date | /Time | |
| Diamond Offshore | | | | n Patriot | | mi-Sub | | | | | 12/15/2 | 2009 | | | | | |
| Installation | | | | esignation | No | ominal ID | | Pre | essure | e Rating (psi | | | Service | | | Height (m) | |
| Subsea | | CwRdR | dAlAu | Cr | | 1 | 8 3/4 | | | 15 | 5,000.0 S | Sour (N | IACE) | | | 13.07 | |
| Wellbore Information | | | | | | | | | | | | | | | | | |
| Wellbore Name | Purpose | • | | Profile | Туре | | Regul | atory Nam | е | | | R | egulatory ID | | | | |

| 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?=""></end> |
| 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 |

| Daily Operations - A4 | s (orig) | Planned 32.82 | Actual (Cum) 6.88 | Esso Australia Pty. Ltd. ExxonMobil Use Only |
|--|----------|--------------------|----------------------|---|
| well: SOUTH EAST REMORA-1 | MD/TVD | 3,936.08/ 3,671.99 | 150.50/ 150.49 | Unit Set: Mixed Reference Elev: OP |
| Report No: 7 Progress: 0.00 Cost (w | /suppl) | 41,700,820 | 6,842,535 | Currency: AUD Page: 4 of 4 |
| Phase: Drilling, Drilling, Drill 17-1/2" hole to 1000m | _ | | | Rpt. Period: 12/21/2009 05:00 to 12/22/2009 05:00 |

| Wellbore (Hole) Section | ons | | | | | | | | | | | |
|------------------------------|------------------------|-----------|--------------|-----------|-------------|----------|-------------|----------------|--|-----------|-------------|------------|
| Act Start Dt/Tm | Act End Dt/Tm | | Section | | Diamet | er (in) | Actual To | op MD (mOP) |) | Botto | m MD (mOP) | |
| 12/20/2009 02:00 | 12/20/2009 05:00 | Structur | ral | | | 36 | 6 | 78. | .50 | | | 150.50 |
| PBTD's | | | | | | | | | | | | |
| Date | Туре | D | epth (mO | P) | Total Dept | h (mOP) | N | lethod | | (| Comment | |
| | | | | | | 150.50 |) | | | | | |
| Deviation Survey (Tie | point) - Actual Surve | y SER-1 | | | | | | | | | | |
| Survey Date/Time | Description | | | | Azimuth No | rth Type | Job | | | | | |
| 12/20/2009 02:00 | Actual Survey SER-1 | | | | Grid N | lorth | Drilling, 1 | 2/15/2009 | 08:00 - <l< td=""><td>End Date/</td><td>Time?></td><td></td></l<> | End Date/ | Time?> | |
| Tie-In MD (mOP) | Tie-In Inclination (°) |) | Tie-In TVD (| , | VS Tie In (| | | | ieln EW Offs | • • | | |
| 78.50 | 0.67 | | 177.87 | | 78. | 50 | 0 | .30 | -0. | 46 | 0.02 | 2 |
| Declination (°) | Convergence (°) | Comme | | | | | | | | | | |
| 13.10 | -0.75 | KB=21. | 5 | | | | | | | | | |
| Casing Strings - Only | shows information fo | r the lon | gest ca | | | a string | - for other | | | asing det | tail report | |
| | | | | Nom | | | | Leak | - | | | |
| | | Nomin | | | | | | De | 10 | | | Bottom MD |
| Wellbore | Description | OD (ir | n) ID (i | n) (lbs | s/ft) Grade | Conr | ר Lengt | h (m) (lb/ថ្ | gal) (m | nOP) | (mOP) | (mOP) |
| SOUTH EAST REMORA-1 | Structural | | 30 28.0 | 000 157 | 7.80 X-52 | RL-4S | | 61.00 | | 87.30 | | 148.30 |
| Cement | | | | | | | | | | | | |
| Cementing Start Date/Tin | ne Cementing End Da | te/Time | Compa | ny | | String | | | | Wellb | ore | |
| 12/21/2009 06:30 | 12/21/2009 0 | 8:00 | Hallibu | rton | | Structu | ral @ 148.3 | 30, Prop? N | No | SOU | TH EAST RE | EMORA-1 |
| Cement Stages | | | | | | | | | | | | |
| Stage Number | Stage Top MD (r | nOP) | S | tage Bot | ttom MD (mC | P) | Average P | ump Rate (I | obl/min) | Ending F | Pump Pressu | re (psi) |
| 1 | 72 | .33 | | | 148.50 | | | 5 | | | | |
| Plug Failed to Bump? | Float Failed? | | F | ull Retur | | | Reciproca | | | Rotated? | | |
| No | N | 0 | | | Yes | | | No | | | No | |
| Cement Fluids | | | | | | | | | | | | |
| | | | | | | | | Vol Pumpe | ed Ceme | nt Densi | ity Amount | Yield |
| | | | | | | | | | | | | |
| Fluid Type | | | Fluid | d Des | | | | (bbl) | Clas | s (lb/ga | l) (sacks) | (ft³/sack) |