

***IADC Well Sharp For Combined Driller Level***

<b>Course outline</b>	
<b>Day 1</b>	
<b>Time</b>	<b>Subject</b>
09.00- 09.45	Introduction. Passport presentation.
09.45-10.10	BOP Stack Configuration and Side outlet valves
10.10-10.30	Diverters
10.30-11.00	Ram type preventer
11.00-11.15	Blind shear preventers
11.15 -11.45	Marine Riser System
11.45-12.00	Connections
<b>12.00-13.00</b>	<b>Lunch Break</b>
13.00-13.30	Annular preventer
13.30-13.45	BOP test and Equipment
13.45-14.10	Inside BOPs and Kelly cocks
14.10-14.30	Chock manifolds and Cocks
14.30-14.45	Mud/Gas Separator and vacuum degasser
<b>14.34-15.00</b>	<b>Coffee Break</b>
15.00-15.30	Surface and Subsea BOP Control system
15.30-16.00	Barrier Concept
16.00-16.20	Inflow test

<b>Course outline</b>
<b>Day 2</b>

Time	Subject
<b>8.00-8.30</b>	<b>Home work Review</b>
8.30-9.00	Well control event, training and assessment
	Primary / Secondary well control
9.00-9.15	Hydrostatic pressure
9.15-9.30	Formation pressure
9.30-9.50	Circulating System
9.50-10.10	Causes of kick
<b>10.10-10.20</b>	<b>Coffee Break</b>
10.20-10.30	Kick warning sign/Indicators Swab and Surge pressure
10.30-10.40	Warning sign and first action while drilling
10.40-11.00	Warning sign and first action while tripping
	Trip sheet
11.00-11.15	Fracture pressure
11.15-11.45	Fracture pressure and MAASP
11.45-12.00	Top Hole
<b>12.00-13.00</b>	<b>Lunch Break</b>
13.00-13.30	Gas cutting
	Influx characteristic and behavior
	Influx Migration
13.30-14.15	Hydrostatic Effect
14.15-14.45	Slow Circulating Rate
<b>14.45-15.00</b>	<b>Coffee Break</b>
15.00-15.35	Risk Management
15.35-16.00	Lost circulation
<b><u>Home work / additional tasks</u></b> P & p Exercise Index 2 O1,O2, O3, O5, O6,O15,O16,O1, P2, R1, R2, R3, R15,R16,R17,R S1, S4, W3, W7, W9,W14,W15,W17,W	

<b>Course outline</b>	
<b>Day 3</b>	
<b>Time</b>	<b>Subject</b>
<b>08.30-9.40</b>	<b>Home work Review</b>
<b>9.20-9.40</b>	<b>Coffee Break</b>
9.40-10.00	Contingency planning
10.00-10.40	Wait & Weight and driller methods
10.40-11.00	Shut in procedures - wire line operation
11.00-11.45	Volumetric and stripping
<b>11.45-12.30</b>	<b>Lunch Break</b>
12.30-13.00	Well control / shut in during casing and cementing
13.00-13.30	Interpretation and observation
13.30-14.00	Well control methods and principles
	Well control management
	Perform calculations
14.00-14.15	Kill or chock line problems
14.15-14.30	Chock line friction
<b>14.30-14.45</b>	<b>Coffee Break</b>
14.45-15.45	Simulator Practice
15.45-17.00	<b>Practical simulator test</b>
<p><b><u>Home work / additional tasks</u></b></p> <p>P&amp;P Exercise, Index 2            C1,C3,C4,C6,C27            D5,D15,D19            F1,F6,F27            H4            I17            J2            R39            R21,R29 , R30</p>	

W13, W19, W 20.

Course outline	
Day 4	
Time	Subject
08.30-9.40	Homework Review
<b>9.20-9.40</b>	<b>Coffee Break</b>
9.40-12.30	Exercises in class and IADC practical simulator test
<b>12.30-13.00</b>	<b>Lunch Break</b>
13.00-xx.xx	Exercises in class and IADC practical simulator test
<b><u>Home work / additional tasks</u></b>	
P&P Exercise, Index 2 C8 D9 F11 H12 R 28	

Course outline	
Day 5	
Time	Subject
07.30-8.45	Homework Review and passport presentation
<b>COURSE TOTAL HOURS</b>	
<b>8.45-9.00</b>	<b>Coffee Break</b>
9.00- .....	IADC Wellsharp Test
<b>42 HR</b>	