

OPERATION CODE	OPERATION	ACTIVITY CODE	ACTIVITY	ACTIVITY SUB-CODE	SUB-ACTIVITY	EQUIPMENT CODE	EQUIPMENT	EQUIPMENT SUB-CODE	SUB-EQUIPMENT	DESCRIPTION, START, END	COMPANY CODE	COMPANY
1	RIG UP / TEAR DOWN / MOVE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Rig up is the on-site erection and connection of rig components in preparation for drilling or well servicing operations. Rig up begins when the first rig components have arrived at the well site, and ends when the rig is ready to spud the well. "Tear Down" is the act of dismantling a rig at the completion of a well and preparing it for moving to the next location. Tear Down begins when the first portion of the drilling rig is dismantled, and ends when the entire rig when the last rig component has left the well site. This section also includes all offshore rig movements and activities around rig movements.		
1	RIG UP / TEAR DOWN / MOVE	2	Rig Up	1	Dry Tow	2	Jack Up					
1	RIG UP / TEAR DOWN / MOVE	5	Rig Down	1	Wet Tow	4	Topdrive					
1	RIG UP / TEAR DOWN / MOVE	29	Pick Up	3	SelfPropelled	101	Drive Pipe					
1	RIG UP / TEAR DOWN / MOVE	30	Lay Down	4	SelfPropeller BOP Deployed	250	Anchors					
1	RIG UP / TEAR DOWN / MOVE	66	Calibrate	5	Land	251	Beacons					
1	RIG UP / TEAR DOWN / MOVE	85	Jetting			252	Buildings					
1	RIG UP / TEAR DOWN / MOVE	94	Release			253	Cantilever					
1	RIG UP / TEAR DOWN / MOVE	155	Move			257	Diverter Line Hangers					
1	RIG UP / TEAR DOWN / MOVE	221	Level			258	Drilling Rig					
1	RIG UP / TEAR DOWN / MOVE	222	Pre-Load			259	Drilling Vessel					
1	RIG UP / TEAR DOWN / MOVE	223	Spot			261	General Loads					
1	RIG UP / TEAR DOWN / MOVE	224	Offload			263	Interface Platform					
1	RIG UP / TEAR DOWN / MOVE	225	Backload			264	Legs					
1	RIG UP / TEAR DOWN / MOVE	226	Seafasten			267	Mooring lines					
1	RIG UP / TEAR DOWN / MOVE	227	Secure			268	Mooring System					
1	RIG UP / TEAR DOWN / MOVE	228	Field Arrival Trials			269	Pre-Load Tanks					
1	RIG UP / TEAR DOWN / MOVE	229	Ballast			271	Saltwater Service Tanks					
1	RIG UP / TEAR DOWN / MOVE	230	Deploy			272	Saltwater Service Pumps					
1	RIG UP / TEAR DOWN / MOVE	231	Recover			274	Semi Submersible					
1	RIG UP / TEAR DOWN / MOVE	232	Tension			275	Service Lines					
1	RIG UP / TEAR DOWN / MOVE	233	Verify location			278	Spud Boat					
1	RIG UP / TEAR DOWN / MOVE	234	Winch Off Drill			281	Texas Deck					
1	RIG UP / TEAR DOWN / MOVE	235	Seabed Survey			287	Towing Vessel					
1	RIG UP / TEAR DOWN / MOVE	236	Leg penetration test			291	Well Center					
1	RIG UP / TEAR DOWN / MOVE	237	Jack Up									
1	RIG UP / TEAR DOWN / MOVE	238	Jack Down									
1	RIG UP / TEAR DOWN / MOVE	239	Fill									
1	RIG UP / TEAR DOWN / MOVE	240	Dump									
1	RIG UP / TEAR DOWN / MOVE	241	Skid Out									
1	RIG UP / TEAR DOWN / MOVE	242	Skid In									
1	RIG UP / TEAR DOWN / MOVE	243	Connect									
1	RIG UP / TEAR DOWN / MOVE	244	Hook Up									
1	RIG UP / TEAR DOWN / MOVE	245	Secure									
2	DRILLING	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Drilling is boring a hole into the earth with the purpose of finding and producing oil, natural gas, or other subsurface resource. Drilling can also be used for drilling out shoe tracks and dressing off cement plugs. Time starts once boring ("making new hole") begins, and time ends when boring ceases.		
2	DRILLING	16	Flow Check	6	No Surface Back Pressure	4	Topdrive	8	Off			
2	DRILLING	17	Leak Off / Formation Integrity Test	7	With Surface Back Pressure	52	EDS Simulation	9	On			
2	DRILLING	19	Air Drilling	8	Main Well	85	Mud Pump					
2	DRILLING	20	Casing Drilling	9	Auxiliary Well	102	Hammer					
2	DRILLING	21	Coiled Tubing Drilling	10	Mousehole	113	Shoe Track					
2	DRILLING	23	Drills	11	Rat Hole	239	Formation					
2	DRILLING	53	Kick Detection			254	Cement					
2	DRILLING	54	Hole Opening			260	Float Shoe					
2	DRILLING	55	Clean			264	Kelly					
2	DRILLING	59	Milling			296	Turbine					
2	DRILLING	60	Slide Drilling			297	Positive Displacement Motor					
2	DRILLING	64	Work Pipe			299	Downhole Motor					
2	DRILLING	261	Commence Drilling			300	Rotary Steerable System					
2	DRILLING	262	Drill Off Test									
2	DRILLING	263	Friction test									
2	DRILLING	265	Rotating Drilling									
2	DRILLING	266	Make Connection									
2	DRILLING	267	Oscillating									
2	DRILLING	269	Weight to Slips									
2	DRILLING	270	Slips to Weight									
2	DRILLING	271	In Slips									
3	REAMING	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Reaming refers to the operations of smoothing the wellbore, enlarging the hole to the desired size, straightening dog legs, or assisting in directional drilling. Reaming begins when the rig begins rotating and circulating for any of the purposes described in the first sentence. Reaming ends when		
3	REAMING	16	Flow Check			64	Coiled Tubing					
3	REAMING	24	Back Reaming			65	Drill Pipe					
3	REAMING	25	Under Reaming			66	LWD					
3	REAMING	26	Open Hole Reaming									
3	REAMING	27	Cement Reaming									
3	REAMING	272	Ream Downwards									
4	CORING	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Coring is the extraction from the wellbore of a cylindrical sample for geological analysis. Coring begins when rotation begins for the purpose of capturing a cylindrical sample of rock. Coring ends when the process of capturing the cylindrical sample ceases.		
4	CORING	16	Flow Check			64	Coiled Tubing					
4	CORING	28	Cutting			65	Drill Pipe					
4	CORING	29	Pick Up			67	Inner Barrel					
4	CORING	30	Lay Down			68	Outer Barrel					
4	CORING	88	RIH			256	Cores					
4	CORING	90	POOH									
5	CIRCULATE & CONDITION MUD	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Conditioning is the process of preparing the drilling fluid ("mud") to modify fluid properties (such as weight, viscosity, etc) for use down hole, circulate means pumping the fluid through the drill pipe. Process begins when additives are blended into the drilling fluid. Process ends when circulation is complete, and pumps shut down.		
5	CIRCULATE & CONDITION MUD	16	Flow Check	12	Reciprocating	270	Riser					
5	CIRCULATE & CONDITION MUD	55	Clean	13	Static	273	Section TD					
5	CIRCULATE & CONDITION MUD	92	Circulate			282	To Completion					
5	CIRCULATE & CONDITION MUD	98	Displace			283	To Oil Base					
5	CIRCULATE & CONDITION MUD	102	Lost Circulation			284	To Underbalanced					
5	CIRCULATE & CONDITION MUD	246	Build volume			285	To Water Base					
5	CIRCULATE & CONDITION MUD	247	Blow/unload hole			288	Wright down					
5	CIRCULATE & CONDITION MUD	248	Stab in cementation			289	Weigh Up					
5	CIRCULATE & CONDITION MUD	249	Pump up survey									
5	CIRCULATE & CONDITION MUD	250	Slow Pump Rate									
5	CIRCULATE & CONDITION MUD	251	Change Out									
6	TRIPS	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Tripping is the process of lowering or recovering the BHA to or from a desired depth. Operation begins with picking up the BHA on surface or retrieving the BHA from		
6	TRIPS	16	Flow Check	19	In Slips	64	Coiled Tubing					
6	TRIPS	29	Pick Up	23	Open Hole Restricted	65	Drill Pipe					

OPERATION CODE	OPERATION	ACTIVITY CODE	ACTIVITY	ACTIVITY SUB-CODE	SUB-ACTIVITY	EQUIPMENT CODE	EQUIPMENT	EQUIPMENT SUB-CODE	SUB-EQUIPMENT	DESCRIPTION, START, END	COMPANY CODE	COMPANY
6 TRIPS		30	Lay Down	24	Open Hole Unrestricted	80	BHA			desired depth, and ends when the BHA has reached the desired depth or is laid down on the surface. Occasionally, special trips are made to partially recover and lower the BHA to a desired depth to ensure the quality of the open hole, including hole cleaning efficiency, identifying tight zones or mud-weight sufficiency.		
6 TRIPS		42	Transfer	25	Cased Hole Restricted	81	Cement Stinger					
6 TRIPS		55	Clean	26	Cased Hole Unrestricted	82	3rd Party Systems					
6 TRIPS		63	Inspection			83	Well Evaluation using BHA					
6 TRIPS		88	RIH			84	Well condition Check Trip					
6 TRIPS		90	POOH			206	Fluid Actions					
6 TRIPS		100	Pump			207	Surface Equipment					
6 TRIPS		239	Fill			230	Offline Pipe Handling Equipment					
6 TRIPS		252	Wiper Trip			262	Hole					
6 TRIPS		253	Wash In			276	Slug					
6 TRIPS		255	Compensate through BOP			279	String					
6 TRIPS		256	Evaluate			290	Well					
6 TRIPS		257	Nipple Up			293	Reaming tool					
6 TRIPS		258	Nipple Down			294	Coring tool					
6 TRIPS						295	Scientific tool					
7 SERVICE/MAINTAIN RIG		0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Rig Service and maintenance is the process of prolonging equipment life or maintain equipment efficiency. Generally classified as planned maintenance, but can be further sub-classified into time-based, condition-based and usage-based. Process begins when the equipment is taken off line for remediation, and ends when the equipment is back in service.		
7 SERVICE/MAINTAIN RIG		55	Clean			82	3rd Party Systems	4	Top drive			
7 SERVICE/MAINTAIN RIG		56	Scheduled Maintenance			87	Power Generation	85	Mud pump			
7 SERVICE/MAINTAIN RIG		57	Unscheduled Maintenance			88	Mud system	86	Drawworks			
7 SERVICE/MAINTAIN RIG		58	Condition Based Maintenance			90	Well Control	194	Screens			
7 SERVICE/MAINTAIN RIG		61	Test			90	Hoisting / Lifting	214	Caliper			
7 SERVICE/MAINTAIN RIG		62	Change			91	Marine Systems	215	Brake			
7 SERVICE/MAINTAIN RIG		65	Burn Test			92	Structural	216	Sensors			
7 SERVICE/MAINTAIN RIG		66	Calibrate			93	Tubulars	231	Rig Floor			
7 SERVICE/MAINTAIN RIG		67	Load Test					232	Pumps			
7 SERVICE/MAINTAIN RIG		73	Painting					233	Pump Head			
8 REPAIR RIG		0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Rig repair is a reactive process to correct unknown or unanticipated equipment failure, resulting in operational downtime and impacts critical path. Rig repair begins when the equipment fails, and ends when the equipment is back in service.		
8 REPAIR RIG		68	Expendables			4	Topdrive					
8 REPAIR RIG		69	Electrical			82	3rd Party Systems					
8 REPAIR RIG		70	Mechanical			85	Mud pump					
8 REPAIR RIG		71	Hydraulics			86	Drawworks					
8 REPAIR RIG		72	Instrumentation			87	Power Generation					
8 REPAIR RIG		73	Painting			88	Mud system					
8 REPAIR RIG						89	Well Control					
8 REPAIR RIG						90	Hoisting / Lifting					
8 REPAIR RIG						91	Marine Systems					
8 REPAIR RIG						92	Structural					
8 REPAIR RIG						93	Tubulars					
9 REPLACING DRILL LINE		0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Replacing drill line begins when the drawworks is removed from service for this activity and ends when the drawworks is returned to service. Typically, this activity		
9 REPLACING DRILL LINE		74	Slip & Cut			94	Drill Line	3	Main Well			
9 REPLACING DRILL LINE		75	Install & Slip			95	Drill Line Spool	6	Auxiliary Well			
10 DEVIATION SURVEY		0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	The deviation survey is the process of measuring borehole trajectory on the critical path.		
10 DEVIATION SURVEY		76	Single Shot Survey			96	Wireline					
10 DEVIATION SURVEY		77	Multi - Shot Survey									
10 DEVIATION SURVEY		78	Deviation Survey									
11 WIRELINE LOGS		0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Wireline logging is the process of taking formation measurements or testing well integrity using a tool run into the hole on an electric wire. Process begins when the logging tools are assembled and run into the hole, and ends when the tools are fully retrieved.		
11 WIRELINE LOGS		1	Logging	14	Open Hole	148	Downhole Equipment					
11 WIRELINE LOGS		2	Rig Up	15	Cased Hole							
11 WIRELINE LOGS		5	Rig Down									
11 WIRELINE LOGS		80	Pressure Test									
11 WIRELINE LOGS		81	Tool string operations									
11 WIRELINE LOGS		88	RIH									
11 WIRELINE LOGS		94	Release									
12 RUN CASING & CEMENT		0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	The operation includes all procedures necessary to run casing into the hole, make up the casing pipe, and pump cement around the pipe to secure the casing. Operation begins when casing equipment is rigged up, and ceases when the last of the cement is properly placed in the hole.		
12 RUN CASING & CEMENT		2	Rig up	14	Open Hole	65	Drill Pipe	208	Stands			
12 RUN CASING & CEMENT		5	Rig Down	15	Cased Hole	100	Conductor	209	Doubles			
12 RUN CASING & CEMENT		16	Flow Check	19	In Slips	101	Drive Pipe	210	Singles			
12 RUN CASING & CEMENT		17	Leak Off / Formation Integrity Test			102	Hammer	234	30" to 36"			
12 RUN CASING & CEMENT		29	Pick Up			103	Jetting Assembly	235	16" to 22"			
12 RUN CASING & CEMENT		30	Lay Down			104	Final Cut Joint	236	13" to 14"			
12 RUN CASING & CEMENT		59	Milling			105	Mud Line Equipment	237	8 5/8" to 11 7/8"			
12 RUN CASING & CEMENT		80	Pressure Test			106	Conductor Tensioners	238	7" and Smaller			
12 RUN CASING & CEMENT		83	Make Up			107	Casing					
12 RUN CASING & CEMENT		84	Drive			108	Liner					
12 RUN CASING & CEMENT		85	Jetting			109	Inner String					
12 RUN CASING & CEMENT		86	Soaking			110	Cement Stand					
12 RUN CASING & CEMENT		87	Rack Back			111	Downhole Casing Equipment					
12 RUN CASING & CEMENT		88	RIH			112	Downhole Cement Equipment					
12 RUN CASING & CEMENT		89	Landing			113	Shoe Track					
12 RUN CASING & CEMENT		90	POOH			114	Casing / Liner Hanger					
12 RUN CASING & CEMENT		91	Function Test			115	Liner Packer					
12 RUN CASING & CEMENT		92	Circulate			116	Downhole Barrier System					
12 RUN CASING & CEMENT		94	Release			120	Slips					
12 RUN CASING & CEMENT		95	Hanging			123	Cement Head					
12 RUN CASING & CEMENT		96	Rough Cut			124	Cement Lines					
12 RUN CASING & CEMENT		97	Set Up			125	Casing Liner Equipment					
12 RUN CASING & CEMENT		98	Displace			126	Cement Unit					
12 RUN CASING & CEMENT		99	Mix			211	Landing String					
12 RUN CASING & CEMENT		100	Pump			217	Cement Slurry					
12 RUN CASING & CEMENT		102	Lost Circulation			218	Cement Spacer					
12 RUN CASING & CEMENT		117	Inflow Test			219	Plugs					
13 WAIT ON CEMENT		0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Waiting on Cement (WOC) is the time during which drilling or completion operations are suspended so that the cement in a well can harden sufficiently. Begins when		
13 WAIT ON CEMENT		16	Flow Check									
13 WAIT ON CEMENT		17	Leak Off / Formation Integrity Test									
14 RIG UP/DOWN BOP		0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	This operation refers to dry BOP stacks, i.e., BOPs that are		

OPERATION CODE	OPERATION	ACTIVITY CODE	ACTIVITY	ACTIVITY SUB-CODE	SUB-ACTIVITY	EQUIPMENT CODE	EQUIPMENT	EQUIPMENT SUB-CODE	SUB-EQUIPMENT	DESCRIPTION, START, END	COMPANY CODE	COMPANY
14	RIG UP/DOWN BOP	2	Rig Up			121	BOP			not subsea. Rigging up the BOP is begun when all BOP components are on site, and the crew begins assembling the unit. Rig up ceases when the complete BOP stack is installed and ready for use or testing at the wellsite.		
14	RIG UP/DOWN BOP	5	Rig Down			122	Bell Nipple					
14	RIG UP/DOWN BOP	29	Pick Up			127	Casing Head					
14	RIG UP/DOWN BOP	62	Change			128	Wellhead					
14	RIG UP/DOWN BOP	66	Calibrate			129	Diverter					
14	RIG UP/DOWN BOP	74	Slip & Cut			130	Overshot					
14	RIG UP/DOWN BOP	88	RIH			131	Spool Adapter					
14	RIG UP/DOWN BOP	89	Landing			132	Control Lines					
14	RIG UP/DOWN BOP	90	POOH			133	Surface Lines					
14	RIG UP/DOWN BOP	104	Final Cut & Dress			134	Choke & Kill Lines					
14	RIG UP/DOWN BOP	105	Survey			135	Overboard Lines					
14	RIG UP/DOWN BOP	106	Energize			136	Flow Line					
14	RIG UP/DOWN BOP	107	De-Energize			137	Riser Tensioners					
14	RIG UP/DOWN BOP	108	Pressurize			234	Ram					
14	RIG UP/DOWN BOP	109	De-Pressurize			235	Wear Bushing					
14	RIG UP/DOWN BOP	110	Lock			237	Support String					
14	RIG UP/DOWN BOP	111	Unlock									
14	RIG UP/DOWN BOP	113	Set									
14	RIG UP/DOWN BOP	115	Transport									
14	RIG UP/DOWN BOP	121	Pressurize Up									
14	RIG UP/DOWN BOP	122	Pressurize Down									
14	RIG UP/DOWN BOP	123	Engage									
14	RIG UP/DOWN BOP	124	Unlatch									
14	RIG UP/DOWN BOP	126	Disengage and pull									
14	RIG UP/DOWN BOP	259	Set Back									
14	RIG UP/DOWN BOP	260	Secure									
15	TEST BOP	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	BOP testing begins when the process of checking the device for functionality begins, and ends after all relevant measurements are made and approved.		
15	TEST BOP	23	Drills			121	BOP		1		Surface	
15	TEST BOP	29	Pick Up			122	Bell Nipple		2		Subsea	
15	TEST BOP	30	Lay Down			128	Wellhead		5		BSR-Surface	
15	TEST BOP	80	Pressure Test			129	Diverter		7		BSR-Subsea	
15	TEST BOP	85	Jetting			131	Spool Adapter					
15	TEST BOP	88	RIH			140	Emergency Control System					
15	TEST BOP	90	POOH			141	WH/BOP connector test					
15	TEST BOP	91	Function Test			142	Surface Equipment other than Choke Manifold					
15	TEST BOP	133	Overpull Test			143	Choke Manifold					
15	TEST BOP	137	Set			144	Testing Tools					
15	TEST BOP					145	Test Plug					
15	TEST BOP					146	Wear Bushing					
15	TEST BOP					277	Space Out					
15	TEST BOP					280	Stripping					
15	TEST BOP					301	Secondary Control System					
16	DRILL STEM TEST	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	The drill stem test begins with picking up temporary packers used to isolate the zone of interest. The test ends when all tools are fully tripped out of the hole.		
16	DRILL STEM TEST	29	Pick Up			238	Test Tools					
16	DRILL STEM TEST	30	Lay Down			239	Formation					
16	DRILL STEM TEST	61	Test									
16	DRILL STEM TEST	88	RIH									
16	DRILL STEM TEST	90	POOH									
17	PLUG BACK	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Plugging back begins when the plug or cement head is run into the hole, and ends when the plugging tools are returned to the surface.		
17	PLUG BACK	94	Release			64	Coiled Tubing					
17	PLUG BACK	100	Pump			65	Drill Pipe					
17	PLUG BACK	137	Set			147	Mechanical Plug					
17	PLUG BACK	144	Spot			148	Downhole Equipment					
17	PLUG BACK	145	Weight Test			149	Open Hole Barrier					
17	PLUG BACK					254	Cement					
18	SQUEEZE CEMENT	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Squeeze cementing begins when the process of rigging up squeeze cementing equipment begins, and ends when squeeze cement equipment is rigged down.		
18	SQUEEZE CEMENT	2	Rig Up			64	Coiled Tubing					
18	SQUEEZE CEMENT	5	Rig Down			65	Drill Pipe					
18	SQUEEZE CEMENT	80	Pressure Test			133	Surface Lines					
18	SQUEEZE CEMENT	91	Function Test			148	Downhole Equipment					
18	SQUEEZE CEMENT	94	Release			151	Planned					
18	SQUEEZE CEMENT	137	Set									
18	SQUEEZE CEMENT	146	Squeeze									
19	FISHING	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Fishing begins when the fishing assembly is rigged up or picked up, and ceases when the fishing assembly has been returned to the surface.		
19	FISHING	2	Rig Up			65	Drill Pipe					
19	FISHING	5	Rig Down			96	Wireline					
19	FISHING	59	Milling									
19	FISHING	147	Jarring									
19	FISHING	148	Fishing									
19	FISHING	150	Handling									
19	FISHING	151	Waiting									
19	FISHING	152	Tripping									
20	SPECIALIZED DIRECTIONAL WORK	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Specialized directional work begins when the drill bit and assembly begin deviating from the primary wellbore. Directional work ceases when the directional assembly and drill bit have been rigged down. Otherwise, this category is superseded by subcodes within Code 2 "Drilling."		
20	SPECIALIZED DIRECTIONAL WORK	2	Rig Up			64	Coiled Tubing					
20	SPECIALIZED DIRECTIONAL WORK	5	Rig Down			65	Drill Pipe					
20	SPECIALIZED DIRECTIONAL WORK	16	Flow Check			286	Tool					
20	SPECIALIZED DIRECTIONAL WORK	17	Leak Off/ Formation Integrity Test			292	Window					
20	SPECIALIZED DIRECTIONAL WORK	28	Cutting									
20	SPECIALIZED DIRECTIONAL WORK	59	Milling									
20	SPECIALIZED DIRECTIONAL WORK	155	Move									
20	SPECIALIZED DIRECTIONAL WORK	156	Drilling									
20	SPECIALIZED DIRECTIONAL WORK	157	Tool orientation									
21	RUN/RETRIEVE RISER EQUIP.	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	[waiting on this one]		
21	RUN/RETRIEVE RISER EQUIP.	2	Rig Up			121	BOP					
21	RUN/RETRIEVE RISER EQUIP.	5	Rig Down			128	Wellhead					

OPERATION CODE	OPERATION	ACTIVITY CODE	ACTIVITY	ACTIVITY SUB-CODE	SUB-ACTIVITY	EQUIPMENT CODE	EQUIPMENT	EQUIPMENT SUB-CODE	SUB-EQUIPMENT	DESCRIPTION, START, END	COMPANY CODE	COMPANY
21	RUN/RETRIEVE RISER EQUIP.	29	Pick Up			129	Diverter					
21	RUN/RETRIEVE RISER EQUIP.	30	Lay Down			132	Control Lines					
21	RUN/RETRIEVE RISER EQUIP.	55	Clean			152	Drilling Riser					
21	RUN/RETRIEVE RISER EQUIP.	61	Test			153	Completion Workover Riser					
21	RUN/RETRIEVE RISER EQUIP.	80	Pressure Test			154	LMRP					
21	RUN/RETRIEVE RISER EQUIP.	88	RIH			155	Slipjoint					
21	RUN/RETRIEVE RISER EQUIP.	89	Landing			156	Rotary					
21	RUN/RETRIEVE RISER EQUIP.	94	Release			157	Spider Gimbal					
21	RUN/RETRIEVE RISER EQUIP.	110	Lock			158	MRT Ring					
21	RUN/RETRIEVE RISER EQUIP.	124	Unlatch			159	Landing Joint					
21	RUN/RETRIEVE RISER EQUIP.	159	Install			160	Balls / Elevators					
21	RUN/RETRIEVE RISER EQUIP.	161	Commission			161	Storm Loop					
21	RUN/RETRIEVE RISER EQUIP.	162	Retrieve			162	Gooseneck					
21	RUN/RETRIEVE RISER EQUIP.	163	Latch			163	ADCP					
21	RUN/RETRIEVE RISER EQUIP.	165	Pull Test			164	Bullseye					
21	RUN/RETRIEVE RISER EQUIP.	166	Transfer Weight			165	Riser Recoil System					
21	RUN/RETRIEVE RISER EQUIP.	167	Move Over			166	ROV					
21	RUN/RETRIEVE RISER EQUIP.	168	Move Off									
21	RUN/RETRIEVE RISER EQUIP.	169	Scope									
21	RUN/RETRIEVE RISER EQUIP.	171	Change to Drilling									
21	RUN/RETRIEVE RISER EQUIP.	172	Change to Riser Running									
22	<b>SURFACE TESTING</b>	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	(waiting on this one)		
23	<b>OTHER</b>	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	This refers to user-defined operations not covered under other IADC DDR Codes.		
23	OTHER	61	Test			173	Equipment					
23	OTHER	63	Inspection			213	Software					
23	OTHER	101	Remove			220	Deck Management and Securing Equipment on Deck					
23	OTHER	138	Trial			221	Internal Rig Transfer of Vessel Liquids					
23	OTHER	139	Welding			222	Off-loading					
23	OTHER	153	Preparation			223	On-loading					
23	OTHER	154	Verification			224	Bunkering of Fuel Oil					
23	OTHER	159	Install			225	Handle Casing, Marine Riser, Drillpipe, Drillcollars on Deck					
23	OTHER	203	Rig Modifications			226	Handling Hazardous Well Fluids On Deck					
23	OTHER	204	Logistical Activities			227	Internal					
23	OTHER	205	Supply Vessel Operations			228	Landing and Departures					
23	OTHER	206	Crane Operations			229	Refueling					
23	OTHER	207	Helicopter Operations									
23	OTHER	208	Radio Silence									
23	OTHER	209	Exporting from wells									
24	<b>NON-PRODUCTIVE TIME</b>	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Non-Productive Time (NPT) is the reported time spent on activities that do not contribute to drilling the well. NPT in the IADC DDR does not refer to equipment repair (Code 8). Specific definitions of NPT are matters of policy by individual companies.		
24	NON-PRODUCTIVE TIME	147	Jarring			167	Safety					
24	NON-PRODUCTIVE TIME	151	Waiting			168	Cementer					
24	NON-PRODUCTIVE TIME	173	Investigation			169	Contractor					
24	NON-PRODUCTIVE TIME	174	Standdown			170	Crew General					
24	NON-PRODUCTIVE TIME	178	Trip Interruption			171	Crew - Welder					
24	NON-PRODUCTIVE TIME	179	Stuck Pipe			172	Daylight					
24	NON-PRODUCTIVE TIME	180	Post-Jarring Inspection			173	Equipment					
24	NON-PRODUCTIVE TIME	184	Rig Positioning			174	Lease/Location					
24	NON-PRODUCTIVE TIME					175	Loggers					
24	NON-PRODUCTIVE TIME					176	Operator					
24	NON-PRODUCTIVE TIME					177	Orders					
24	NON-PRODUCTIVE TIME					178	Third Party Tools					
24	NON-PRODUCTIVE TIME					179	Third Party Personnel					
24	NON-PRODUCTIVE TIME					180	Tongs					
24	NON-PRODUCTIVE TIME					181	Trucks					
24	NON-PRODUCTIVE TIME					182	Water					
24	NON-PRODUCTIVE TIME					183	Weather					
24	NON-PRODUCTIVE TIME					240	Accident					
24	NON-PRODUCTIVE TIME					241	Incident					
25	<b>OPERATING STATUS</b>	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	These codes become applicable when a rig is not performing well operations, beginning and ending with the change of status.		
25	OPERATING STATUS	181	Idle Not Under Contract			17	Paid - Full Dayrate					
25	OPERATING STATUS	182	Idle Under Contract			18	Paid - Reduced Dayrate					
25	OPERATING STATUS	183	Pre-Operating			20	Unpaid					
25	OPERATING STATUS	184	Force Majeur									
25	OPERATING STATUS	185	Yard / Dock Maintenance									
25	OPERATING STATUS	186	Stacked - Cold									
25	OPERATING STATUS	187	Stacked - Warm									
26	<b>SAFETY</b>	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Activities to sustain safe operations include safety meetings, training, clean up, standdowns, Job Safety Analyses and drills.		
26	SAFETY	23	Drills			242	Rig Floor					
26	SAFETY	55	Clean			243	Ballast System					
26	SAFETY	188	Meeting			244	Mud Pits					
26	SAFETY	189	Training			245	Combustible Gas					
26	SAFETY	191	Job Safety Analysis			246	H2S					
26	SAFETY	273	Stand Down			247	Boat					
26	SAFETY					248	Personnel					
27	<b>WELL CONTROL</b>	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Well control constitutes remedial and containment actions taken to return the well to a safe state following a loss of hydrostatic control.		
27	WELL CONTROL	16	Flow Check			16	Bull Heading					
27	WELL CONTROL	197	Shut-in On Well			21	Wait and Weight					
27	WELL CONTROL	198	Well Pressure build up			22	Drillers Method					
27	WELL CONTROL	199	Weighing up Kill Mud									
27	WELL CONTROL	200	Well Kill									
27	WELL CONTROL	201	Diverter									
28	<b>COILED TUBING</b>	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Coiled-tubing operations begins when the equipment is run into the hole, and ends when the tubing is fully retrieved.		
28	COILED TUBING	1	Logging			64	Coiled Tubing					
28	COILED TUBING	2	Rig Up			255	Coil					
28	COILED TUBING	5	Rig Down									

OPERATION CODE	OPERATION	ACTIVITY CODE	ACTIVITY	ACTIVITY SUB-CODE	SUB-ACTIVITY	EQUIPMENT CODE	EQUIPMENT	EQUIPMENT SUB-CODE	SUB-EQUIPMENT	DESCRIPTION, START, END	COMPANY CODE	COMPANY
28	COILED TUBING	62	Change									
28	COILED TUBING	88	RIH									
28	COILED TUBING	90	POOH									
29	PERFORATING	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Perforating begins when the perforating gun/assembly are rigged up, and ceases when all tools have been rigged down.		
29	PERFORATING	2	Rig Up			65	Drill Pipe					
29	PERFORATING	5	Rig Down			96	Wireline					
29	PERFORATING	210	Perforating			191	Perforating Guns					
29	PERFORATING	211	Shut-in Well Perforating									
30	TUBING TRIPS	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Tubing trips begin with the movement of the first length of tubing to the rig floor, and ceases when the last length of tubing is permanently installed in the well. In cases of plug and abandonment, the tubing trip begins with when the pipe begins to be pulled from the well, and ceases upon completion of this process.		
30	TUBING TRIPS	2	Rig Up			192	Tubing					
30	TUBING TRIPS	5	Rig Down			193	Production Tubing					
30	TUBING TRIPS	42	Transfer									
30	TUBING TRIPS	80	Pressure Test									
30	TUBING TRIPS	88	RIH									
30	TUBING TRIPS	90	POOH									
30	TUBING TRIPS	91	Function Test									
31	TREATING	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	These activities commence once drilling is complete, and casing is set.		
31	TREATING	2	Rig Up			64	Coiled Tubing					
31	TREATING	5	Rig Down			109	Inner String					
31	TREATING	80	Pressure Test			194	Screens					
31	TREATING	88	RIH			195	Workstring					
31	TREATING	90	POOH			196	Surface Treating Equipment					
31	TREATING	91	Function Test									
31	TREATING	212	Treatment									
31	TREATING	213	Stimulate									
31	TREATING	214	Gravel Packing									
31	TREATING	215	Frac Packing									
31	TREATING	216	Sand Control									
31	TREATING	274	Fracking									
32	SWABBING	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	Swabbing begins with the insertion of the tool into the		
33	TESTING	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	[no description]		
33	TESTING	2	Rig Up			128	Wellhead					
33	TESTING	5	Rig Down			197	Well Testing					
33	TESTING	42	Transfer			198	Subsea Test Tree					
33	TESTING	80	Pressure Test			199	Downhole Valve Assembly					
33	TESTING	88	RIH			200	Perform Inflow Test					
33	TESTING	90	POOH			201	Well Test Equipment					
33	TESTING	91	Function Test			202	Completion Landing String					
33	TESTING	94	Release									
33	TESTING	217	Flow Period									
33	TESTING	218	Shut-in Period									
34	SUBSEA INSTALATIONS	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics	[no description]		
34	SUBSEA INSTALATIONS	2	Rig Up			96	Wireline					
34	SUBSEA INSTALATIONS	5	Rig Down			128	Wellhead					
34	SUBSEA INSTALATIONS	80	Pressure Test			203	Hanger					
34	SUBSEA INSTALATIONS	88	RIH			204	Xmas Tree					
34	SUBSEA INSTALATIONS	90	POOH			205	Slick Line					
34	SUBSEA INSTALATIONS	91	Function Test									
34	SUBSEA INSTALATIONS	94	Release									
34	SUBSEA INSTALATIONS	101	Remove									
34	SUBSEA INSTALATIONS	159	Install									
35	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
36	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
37	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
38	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
39	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
40	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
41	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
42	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
43	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
44	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
45	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
46	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
47	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
48	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
49	RESERVED FOR FUTURE IADC USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
50	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
51	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
52	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
53	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
54	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
55	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
56	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
57	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
58	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
59	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
60	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
61	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
62	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
63	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
64	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
65	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
66	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
67	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
68	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			

OPERATION CODE	OPERATION	ACTIVITY CODE	ACTIVITY	ACTIVITY SUB-CODE	SUB-ACTIVITY	EQUIPMENT CODE	EQUIPMENT	EQUIPMENT SUB-CODE	SUB-EQUIPMENT	DESCRIPTION, START, END	COMPANY CODE	COMPANY
69	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
70	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
71	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
72	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
73	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
74	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
75	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
76	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
77	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
78	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
79	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
80	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
81	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
82	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
83	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
84	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
85	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
86	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
87	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
88	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
89	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
90	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
91	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
92	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
93	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
94	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
95	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
96	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
97	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
98	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			
99	RESERVED FOR MEMBER USE	0	No Specifics	0	No Specifics	0	No Specifics	0	No Specifics			