



Weekly Status Report of Oil and Gas Activities for Canada-Newfoundland and Labrador Offshore Area

As of: Monday - July 15, 2019 @ 2400hrs

**WELL OPERATIONS**

Well (Unique Well Identifier)	Coordinates (NAD83)	Licence	Installation	Spud Date	Current Status (Current Depth / Projected Total Depth)
ExxonMobil et al Hebron L-93 12 312L934640048150	46° 32' 38.592" N 48° 29' 53.217" W	PL 1012	Hebron Platform	7-Jun-19	Completing 4233m/4233m
HMDC Hibernia B-16 14X 314B164650048453	46° 45' 1.256" N 48° 46' 53.403" W	PL 1001	Hibernia Platform	30-Jun-19	Drilling Operations 7303m/9200m
HMDC Hibernia K-39 300K394650048450	46° 48' 39.544" N 48° 50' 25.937" W	PL 1001	West Aquarius	26-Jun-19	Drilling Operations
Husky Oil et al E-18 9 309E184650048000	46° 47' 22.40" N 48° 02' 37.52" W	PL 1006	Henry Goodrich	11-Jan-08	Workover Operations
Suncor Energy et al Terra Nova L-98 15 315L984630048150	46° 27' 41.8190 N 48° 29' 51.6939" W	PL 1002	Transocean Barents	19-Feb-18	Drilling Operations 4214m/4264m

Notes:

**GEOSCIENTIFIC PROGRAMS**

Program Number	Operator/Survey (Location)	Vessel	Authorization Date	Data Completed (Planned)			Current Status
				line km	km <sup>2</sup>	Other	
45120-020-022	MKI/3D Seismic North Tablelands (EN)	Ramform Titan	29-May-2019		4211.66 (4,609)		694.62 km <sup>2</sup> Acquired this Reporting Period
45120-020-022	MKI/3D Seismic Jeanne d'Arc (JDA)	Ramform Atlas	29-May-2019		1746.05 (5,127)		432.16 km <sup>2</sup> Acquired this Reporting Period
45120-020-022	MKI/2D Seismic South Grand Banks (SEN & SN)	Sanco Atlantic	29-May-2019	5565.9375 (10,540)			1093.0625 line km Acquired this Reporting Period
48120-020-005	GXT/2D Seismic GrandSPAN2 (Regional)	Hai Yang Shi You 760	4-Jun-2019	4018.3 (12,947.25)		7885 (25,894.5)	386.15 line km each of 2D Seismic, Gravity, and Magnetics acquired during this reporting period.
25220-020-023	Equinor / Geotechnical Bay du Nord (EN)	Fugro Synergy	5-Jul-2019			5 (49)	1 sampling location, 3 CPT locations, and 1 ROV survey area acquired during this reporting period.
24220-020-020	ExxonMobil / Environmental EL 1135 (EN)	Paul A. Sacuta	9-Jul-2019			12.4 (12.4)	12.4 line km of seabed video transects completed by ROV acquired during this reporting period. Program Complete.
32220-020-003	CNOOC International / ROV Survey EL 1144 (EN)	Horizon Star	10-Jul-2019				No acquisition during this reporting period. Vessel was performing maintenance, testing, and transiting to the survey location.

<b>Current Status</b>	
Mobilizing to Wellsite:	This activity would include any activity associated with mobilizing the drilling installation/drilling rig to the well including towing the rig to site, steaming to location, running and pre-tensioning anchors, testing and commissioning the DP system, skidding the rig from one well slot to another, jacking-up and pre-loading jack-ups and all other activities associated with mobilizing the rig to the wellsite.
Preparing to Spud:	All pre-spud activities from the time that the drilling installation arrives on location until the well is spudded (initial penetration of the seafloor to start the drilling of a well). This includes testing and commissioning equipment prior to spud, picking-up and making-up various drilling assemblies, stump testing the BOP stack and all other activities conducted during the time that the drilling installation arrives on location until the well is spudded.
Drilling Operations:	Includes all activities from the time the well is spudded until the well is either suspended or abandoned (in the case of a development well, see Completion Operations). Drilling Operations include drilling, casing, cementing, running BOP and riser, fishing, sidetracking, reaming, logging, coring and formation flow testing.
Well Intervention/Workover Operations:	All rig activities associated with re-entering a well for the purpose of performing a well intervention including running the intervention landing string, installing the BOP stack and other pressure control equipment, de-completing, re-completing, plugging and abandonment, slot reclamation & recovery, well suspension, re-perforation, logging, well initiation. Intervention/Workover does not include sidetracking operations; sidetracking operations would be covered under Drilling Operations.
Completing/Completed:	All operations associated with completing a development well including running completion tubing and associated completion equipment, installation of the production tree as well as all operations associated with initiating the well for either production or injection operations, including perforation operations and well testing prior to handing over to process. When these operations have concluded, the well is classified as "completed."
Suspending/Suspended:	Includes all activities associated with suspending a well for reasons other than ice or weather delay. These operations also encompass all operations associated with demobilizing the drilling installation from the well (ie: pulling anchors, pulling BOP stack, well site survey, etc.). When these operations have concluded, the well is classified as "suspended."
Abandoning/Abandoned:	Includes all activities associated with plugging and abandoning a well. These operations also encompass all operations associated with demobilizing the drilling installation from the well (ie: pulling anchors, pulling BOP stack, well site survey, etc.). When these operations have concluded, the well is classified as "abandoned."
Waiting on Weather (WOW):	Any downtime associated with heavy weather, pack ice or icebergs.
<b>Glossary of Terms</b>	
BOP Stack:	Blowout preventer stack - an assembly of heavy-duty valves attached to the wellhead to control well pressure and prevent a blowout.
Casing:	Steel pipe set in a well to prevent the hole from sloughing or caving and to enable formations to be isolated (there may be several strings of casing in a well, one inside the other).
Cementing:	Pumping a liquid slurry of cement, water and other additives behind a string of casing to isolate formations.
Fishing:	Operations to recover an object lost or stuck in the wellbore that is obstructing operations.
Injection/Injecting:	Injecting fluids into the reservoir to provide a driving mechanism for increased oil or gas production.
Logging:	Acquisition of downhole data using tools run in the well, usually on wireline.
Producing/Production:	Flowing reservoir fluids from a well to the production system.
Production Tree:	An arrangement of heavy-duty valves and fittings installed on the wellhead to control production from the well and/or to facilitate injection operations.
Reaming:	An operation to restore a wellbore to its original diameter (occasionally, a wellbore will cave in).
Sidetracking:	The operation whereby an additional wellbore is drilled from an existing borehole which is usually abandoned, to drill another geological target. A "Mechanical Sidetrack" is sometimes referred to when deviating a well around an obstruction (a.k.a "fish") but the geological target remains the same.
Well Intervention/Workover:	An operation to repair equipment or to restore or increase production or injection.