



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

As of: November 15, 2016

**GEOSCIENTIFIC PROGRAMS**

Program Number	Operator/Survey (Location)	Vessel	Authorization Date	Data Completed (Planned)			Current Status
				line km	km <sup>2</sup>	Other	
45120-020-015	MKI/2D Seismic (NENL Slope)	Sanco Spirit / Atlantic Explorer	26-May-2016	16794.35 (16539.7)			158.3 km acquired by Sanco Spirit Program Complete
45120-020-016	MKI/2D Seismic (South Grand Banks)	Atlantic Explorer	3-Jun-2016	16570.531 (17139)			563.906 km acquired by Atlantic Explorer Program Complete
45120-020-017	MKI/2D Seismic (Labrador Sea )	Sanco Spirit	1-Jul-2016	7087.65 (8892)			Program Complete

**WELL OPERATIONS**

Well (Unique Well Identifier)	Coordinates (NAD83)	Licence	Installation	Spud Date	Current Status (Current Depth / Projected Total Depth)
Husky Oil et al White Rose J-05 4 304J054650048000	46° 44' 37.951" N 48° 00' 38.495" W	PL 1007	Henry Goodrich	25-Aug-2016	Completed (5,892m/5,892m)
HMDC Hibernia P-02 6 307P024650048450	46° 41' 53.328" N 48° 44' 59.459" W	PL 1005	West Aquarius	11-Mar-2016	Completion Operations (5,047/5,047m)

Categories of Operations	
Mobilizing to Wellsite:	All activities associated with mobilizing the drilling installation/drilling rig to the well.
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).
Drilling Operations:	All operations associated with drilling a well including casing, cementing, running BOP stack, fishing, sidetracking, reaming, logging, coring and formation flow testing as well as any downtime associated with equipment failure (or otherwise) while drilling operations are in progress.
Completion Operations:	All operations associated with completing a well including installation of the production tree and all other operations associated with preparing a well for production or injection operations.
Ice Delay:	Any downtime associated with pack ice or icebergs.
Weather Delay:	Any downtime associated with heavy weather.
Suspension/Abandonment Operations:	All activities associated with either plugging and abandoning a well, or suspending a well as well as operations associated with demobilizing the drilling installation from the well.
Well Intervention/Workover	All activities associated with performing a workover or well intervention.
Operation Suspended	Any suspension operation for reasons other than equipment failure or ice or weather delay.

Glossary of Terms	
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).
Seismic kilometers:	The total number of kilometers of data recorded in a geophysical program.
Sidetracking:	The operation of deviating a well around a fish.
Well Intervention/Workover:	An operation to repair equipment or to restore or increase production or injection.