



Weekly Public Status Report of Oil and Gas Activities Onshore Newfoundland and Labrador

As of : September 27, 2010

GEOSCIENTIFIC PROGRAMS

Program Number	Operator / Survey (Location)	Start Date	Contractors	Area Covered (Area Planned)	Comments
10-116-01-ES	Vulcan / Seismic (Bay St. George)	August 18, 2010	Atlantic Geophysical / White Wood Harvesting/ Tesla Exploration	89 km cut 82 km surveyed (140 km seismic)	Drilling operations commenced on Sept. 26, 2010

EXPLORATION DRILLING PROGRAM

Well (Authority to Drill a Well)	Location (NAD 27)	Permit	Rig	Spud Date	Current Status
Vulcan Red Brook # 2 (2009-116-03-01)	N 5347345 E 370125	EP 03-107	ECan Energy Rig # 3	October 21, 2009	Completions Operations
Vulcan Robinsons # 1 (2009-116-02-01)	N 343046.987 E 379774.568	EP 03-106	ECan Energy Rig # 3	June 30, 2009	Completions Operations
Nalcor Finnegan #1 (2010-128-04-01)	N 5549336 E 456529	EP 03-102	Stoneham Rig #11	September 9, 2010	Drilling at 1,259 m

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 ground 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.
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 Operations:	All activities associated with performing a workover or well intervention.

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.