

PNG Guideline 8 May 2005

Application for Commingling of Oil Production

- 1. Section 75 of *The Oil and Gas Conservation Regulations*, *1985* prohibits the commingling of production from one pool with that from another pool before measurement, without the approval of the minister. Approval to commingle production from two or more pools in a wellbore may be granted on application from the operator provided that:
 - (a) A good stabilized production rate (at least 6 months history) must be obtained from at least one of the pools to be commingled.
 - (b) The working and mineral interests must be the same for all zones to be commingled.
 - (c) There must not be a waterflood or enhanced recovery (EOR) project in the immediate area.
 - (d) One or both of the pools to be commingled must be marginal such that drilling a twin well cannot be justified and segregated production is precluded. It must be clear that the marginal pool would not be produced if the commingling was not allowed.
 - (e) The pools to be commingled must not contain any underlying water, identified on the logs or through production, because water may cone and be detrimental to production from both commingled pools.
 - (f) The oil pools to be commingled must not contain any gas zones, identified either on the logs or through production, because gas will readily cone and may be detrimental to oil production from the commingled pools.
- 2. The submission in support of an application to commingle production from two or more separate pools in a well shall contain, where possible:
 - (a) The production history for the well and estimated production rate for the well for the first month following commingling.
 - (b) A copy of the well logs over the productive interval showing the existing and proposed perforations, and any other applicable downhole information.
 - (c) Any additional pertinent data (structure, net pay or well location maps of the area, etc).

3. Submit two (2) copies of each application to:

Engineering Services Saskatchewan Industry and Resources 200 - 2101 Scarth Street Regina, Saskatchewan S4P 2H9

- 4. If approval is granted:
 - (a) Notification must be provided to the appropriate SIR Petroleum Development field office 24 hours prior and 24 hours after the completion or recompletion is done.
 - (b) Submission of a Well Activity Report (SIR-63) and a Supplementary Well Data Completion Form (SIR-432) to the Regina office is required within 22 days of the well resuming production.
 - (c) A separate Application to (Plug Back, Abandon, Multizone Complete, Reclassify) a Well (SIR-130) must be submitted to the appropriate SIR Petroleum Development field office if plugging back any existing perforations is proposed.
- 5. For further information contact Guiliang (David) Fan at (306) 787-8589.