



Application for Approval of a Horizontal Well Project

1. An application under section 17.1 of *The Oil and Gas Conservation Act* for approval of a horizontal well project shall include:
 - (a) Estimates of:
 - (i) the original oil and gas in place for the drainage area of each proposed horizontal well, and for the total project area where more than one well is involved;
 - (ii) the recovery under the existing producing mechanism;
 - (iii) the recovery for each horizontal well, including details of the calculation.
 - (b) A brief description of the geology in the project area, accompanied by structure contour and isopach maps if these are helpful in explaining the orientation of the wells.
 - (c) A description of the drilling plan (including surface location, build rate, kick-off point, proposed horizontal length, etc.), mud type, logging program and completion.
 - (d) The estimated capital costs, operating costs and project timetable (spud date, completion date, etc.).
 - (e) Maps showing:
 - (i) the project area with existing and proposed wells, drawn to scale, with the surface location and horizontal section of each well clearly identified;
 - (ii) the lessors (mineral owners) and lessees within and adjoining the project area.
 - (f) A sketch showing by cross section the subsurface equipment and completion details of each horizontal well.
 - (g) Consent letters or a request to advertise the application in *The Saskatchewan Gazette* if good production practice is being requested and the requirements of section 30.4 of *The Oil and Gas Conservation Regulations, 1985* will not be met.
 - (h) Consent letters from offsetting lessors and lessees if the set-back distances specified in section 30.3 of *The Oil and Gas Conservation Regulations, 1985* will not be met.
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2. The submission shall be in written and illustrated form, signed by an officer of the company making the application, and appropriately bound.
3. The applicant shall, upon request, provide additional copies of the submission to any owners or operators directly affected by the project.
4. Submit four (4) copies of each application to:

Engineering Services Branch
Saskatchewan Industry and Resources
200 - -2101 Scarth Street
Regina, Saskatchewan S4P 2H9
5. For further information contact Garth Simmons at (306) 787-2601 or Ken Kowal at (306) 787-8584.