

Education
is what
survives
when
what
has been
learned
has
been
forgotten

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Professional Engineers, Geologists
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(APEGGA)

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PROFESSIONAL DEVELOPMENT IN YOUR CAREER

Your professional development begins the moment you choose your profession and enter university. The first step in becoming a professional is to meet APEGGA's academic requirements. As a member-in-training, you are taking the next step. This period that we officially label experience gives you the opportunity to apply theories you have learned, testing their validity and limitations. Your professional development does not end here.

APEGGA expects you to build on your competencies throughout your career, by developing, implementing and documenting your own professional development program, starting at the member-in-training level. Even though you have already met APEGGA's academic requirements, you may be required to take additional academic or technical skills training during this period. You may also have opportunities to take the concepts covered in the professional practice examination to much greater depths of understanding than are required to pass the exam.

Although your professional development is a responsibility you share with your supervisors, mentors and employers, you must assume the primary role in ensuring that you are receiving the appropriate experience. Your management of your career is becoming increasingly important. As job security declines and short-term contract work increases, you might find that at times in your career you are supervised by non-professionals who are unable to fully guide you in your professional development.

This booklet outlines the mandatory elements of experience you will need to meet APEGGA's Board of Examiners' registration requirements. As well, it outlines the voluntary elements that will enable you to develop beyond the minimum standards. Discuss these guidelines with employers and potential employers to ensure that the position will help you fulfill the requisite elements. Of course, you must do more to ensure your experience has the requisite elements. Of equal importance to APEGGA's Board is how well you carry out your responsibilities; this will be confirmed by the references you nominate when you apply for professional membership.

APEGGA'S PROFESSIONAL DEVELOPMENT PROGRAM

This stage of your professional development focuses on ensuring you have a certain amount and specific range of experiences in your profession. The chart in Appendix 1 describes the seven areas in which professional development may be appropriate for someone who is not yet a professional member of APEGGA. Five of these areas deal with your experience, as defined by the Board of Examiners. The other two areas are additional technical skills training which may be sought by you or demanded by your employer; and knowledge of law and ethics, which will be separately tested by the Board of Examiners.

Once you become a professional member of APEGGA, you will be required to define your individual scope of practice and the skills needed for your professional specialization. You must also develop a plan for ongoing professional development and document and report your activities annually as part of that plan. These activities are described in detail as part of APEGGA's manual, *Continuing Professional Development: A Guideline for Professional Members*. Copies of this guideline are available from the APEGGA offices, or from the web site at www.pegga.org/publications.

QUANTITY OF EXPERIENCE

With a professional degree

If you have a degree in engineering, geology or geophysics, the Engineering, Geological and Geophysical Professions Act (EGGP) of Alberta requires that you must have at least four years of experience acceptable to the Board of Examiners in order to meet the experience requirements necessary for professional licensure. In general, you must obtain this experience after completing the academic requirements. However, APEGGA may award up to twelve months of credit for qualifying pre-degree summer, co-op or intern work experience gained after academic term five. In addition, at least one year of the required four years of experience must be equivalent North American experience.

If you do not fully meet the academic requirements and have been assessed confirmatory examinations, the Board may consider a reduction in examinations on the basis of extensive, high-quality experience and evidence of outstanding technical ability. The Board may consider reducing the number of exams if you have a minimum of ten years acceptable experience, although more than ten years may be required depending on the quality of the experience.

Without a professional degree

If you do not have a degree in engineering, geology or geophysics, the EGGP Act requires that you must have at least eight years of experience acceptable to the Board of Examiners, at least one year of which must be obtained after completion of the examinations assessed by the Board.

If you have been assessed examinations on a course-by-course basis, at least six years of acceptable experience is necessary before any reduction of examinations might be considered on the basis of extensive, high-quality experience and evidence of outstanding technical ability.

**Inventing is a
combination
of brains and
materials.
The more
brains you use,
the less
material
you need.**
-Charles F. Kettering

COMPONENTS OF EXPERIENCE

When you apply to become a professional member of APEGGA, the Board of Examiners will evaluate whether you have experience in the following five areas:

- 1 application of technical theory,
- 2 practical experience,
- 3 development of management skills,
- 4 development of communication skills,
- 5 an understanding of your work's societal implications.

The professions under APEGGA's jurisdiction are technical. To demonstrate your technical proficiency, you must show evidence that you have spent a significant amount of time on the application of technical theory and on practical experience. If you clearly have been applying the scientific principles you have learned, then you can be more confident the Board will find the technical elements of your experience to be acceptable. Of course, your technical experience must meet North American standards.

Management skills, oral and written communication skills, and an understanding of the societal implications of what you do are also integral to your learning experience. These last three components will take on a much greater significance as your career develops.

Each of the above five components has sub-components as detailed below. Some sub-components must be evident in your experience, while others are desirable but not mandatory.

1 The application of technical theory MUST include:

- selecting solutions and solving problems,
- preparing and checking designs or interpretations,
- showing evidence of sound technical judgment and practices,
- showing familiarity with the use and application of pertinent technologies, procedures, systems and programs.

Your experience **MAY** also include the collection and analysis of information and data. However, data collection and analysis should not be the major component of your assigned tasks for a significant period of time.

2 Practical experience MUST include:

- being exposed to work site operations,
- developing recognition of limitations in designs, interpretations or recommendations,
- understanding the application of pertinent Codes and Regulations.

Your experience **MAY** also include acquiring an understanding of the interdependence of disciplines, of systems and activities, and of developing working relationships.

3 The development of management skills MUST include involvement in:

- managing personal and project resources,
- planning, scheduling, budgeting, and cost control,

- developing team skills ... understanding professional and business ethics,
- keeping appropriate records.

Your experience **MAY** also include developing an understanding of corporate structure, legal aspects of contracts, quality assurance programs, and cost impact studies.

4 The development of good oral and written communication skills is essential for all professionals:

Your experience must show evidence of the preparation of written technical reports and of making oral presentations to management, peers, or the public.

5 An understanding of your work's implications:

Interaction between the professions and society is of significant importance. Your experience must show evidence that you are acquainted with such matters as safeguards and benefits to the public, and the roles and responsibilities of regulatory agencies in your specific field of professional practice.

With regard to the last three components of experience, APEGGA expects candidates to take seminars or courses to fulfill the requirements. This will prepare you for more responsible positions. Contact the APEGGA Professional Development Department or refer to the web site at www.apegga.org for information on seminar and course providers.

SUPERVISION + MENTORING

Supervision

APEGGA expects you to be supervised by a professional member of APEGGA or of another provincial or territorial association. If you are unable to receive supervision on the job from a professional member on staff, you will need assistance from a professional member outside your place of employment who will evaluate the technical content of your work. This professional must spend enough time in discussion with you and in reviewing your work to become comfortable with its quality to be able to respond confidently to the Board about your capabilities when a reference is sought.

In addition, all plans, specifications, reports and documents of a professional nature prepared by members-in-training, examination candidates or students, must be reviewed by a professional member who assumes professional responsibility for the work.

Supervisors should keep you apprised of how you are performing and what you can do to improve; professional member supervisors in particular have a professional obligation to do so.

Mentoring

Although not mandatory, a mentor may be of considerable help in your development. A mentor is often defined as a trusted counsellor or guide. He or she may also be your supervisor and should be an experienced professional member of APEGGA or an equivalent organization. It may be advantageous for you to have a mentor in your discipline, as long as the focus of your discussions is not exclusively technical. A mentor from within the company may be able to enhance your potential for advancement, but an external perspective can be both refreshing and helpful. Whether from inside or outside the company, a mentor can serve many roles. A mentor should be able to discuss the important aspects of assigned tasks, from both a procedural and a technical point of view, although the mentor is not to take responsibility for your work. He or she should provide a sympathetic ear to your needs and non-judgmental advice when required. A mentor should also be an example of professional excellence, offering you the benefit of extensive experience with, and knowledge of organizations and how they work. A mentor should be able to give advice and direction and be aware of current developments and trends in your industry. For more information on the pros and cons of mentoring, you may wish to read APEGGA's *Mentoring Guideline*, which is available from the APEGGA offices or on the web site at www.apegga.org.

REFERENCES

To meet the Board's licensure requirements, you will be required to nominate a minimum of three references. They should be professional members who have supervised your work. If there have not been three professional members in your career who have been your supervisors, the Board will allow references from professional members who are familiar with your work, such as co-workers, mentors and clients. As an alternative, the Board may allow references from supervisors who are not professional members, in certain cases. Ordinarily, individuals providing only character references do not meet the requirements for suitable references.

The references should cover most of the period that you are claiming as valid experience. If the period covered by the three references is insufficient, APEGGA will seek additional references.

References provided by professional members are a critical element in the licensure process. The references must be candid with the Board about your performance without concern for whether their comments may delay your licensure. Their comments to APEGGA should be consistent with what they have told you. There may be obvious differences of opinion between members as to what the standards of performance should be and how you are meeting those standards, but the Board tries to balance such differences in making a reasonable decision.

To ensure consistency in responses, your references complete a standard questionnaire. Appendix 2 contains a copy of the reference questionnaire, for your information.

BOARD OF EXAMINERS' GUIDELINES

The following definitions clarify what the Board generally considers to be acceptable for specific types of experience.

North American work standards

The Board expects that you are performing to North American technical and ethical standards and codes. Working for North American companies overseas, or for international organizations whose standards meet those of North American jurisdictions may be acceptable, but you will have to show evidence of equivalent standards. A candidate with training and experience in warmer climates must convince the Board that he or she has been exposed to and understands the effects of the colder Canadian climate on the practice of their profession.

Postgraduate degrees

Experience credited for postgraduate degrees in engineering, geology or geophysics will not normally exceed a maximum of 50% of the four years experience requirement. No experience credit will normally be granted for a postgraduate degree that is not in engineering, geology or geophysics.

Experience credit may be granted for postgraduate degrees from Canadian Engineering Accreditation Board (CEAB) and Mutual Recognition Agreement (MRA) accredited institutions.

If you are assessed confirmatory examinations and have a postgraduate degree from a CEAB/MRA accredited institution and the post graduate degree is in the same discipline as your undergraduate degree, the Board will normally look to exempt you from confirmatory examinations after a review of your transcripts.

Experience credit will not be automatically granted upon completion of a post graduate degree, but must be requested via the application for professional registration submitted to APEGGA. In order to request experience credit for postgraduate academic studies, the following items must be submitted:

- The title page, abstract page, recommendation and conclusion portion of thesis or project report.
- A letter of recommendation from the thesis supervisor which includes a statement about the engineering, geology or geophysics experience and the engineering, geology or geophysics contribution of the research as reported in the thesis.

Furthermore, if the advanced degree is the only North American experience you possess, the Board will ask for additional experience beyond the postgraduate studies experience to satisfy the one year equivalent Canadian experience requirement.

The great
difficulty in
education
is to get
experience
out of ideas

-George Santayana

Other acceptable experience

The Board may give you full credit for many types of experience, but the Board will require additional documentation for the areas listed below. Such documentation must confirm the percentage of time spent on the technical aspects of the professions and provide evidence that you applied the principles of engineering or geoscience. Orientation programs, administration and management may also be acceptable forms of experience if you conducted these in an engineering or geoscience environment. However, it will be to your advantage if your experience is not exclusively in any one of the following areas:

- sales administration or management
- supervision of production
- supervision or inspection of construction
- startup or commissioning of plant
- patent examination and filing
- military service
- stratigraphic section measurement
- feasibility or economic studies
- computer programming or systems analysis
- maintenance planning
- construction estimating
- technology school teaching
- well logging
- geophysical processing
- geoscience field studies/operations
- geological sample description
- drafting
- well-site geology
- postgraduate studies in other fields
- cadastral and construction surveying

If your experience is in one of the preceding areas, the amount of credit you receive may be less than the actual time spent in that position if the work does not contain significant application of engineering or geoscience principles or if the work is not being performed at a high enough level. Additional experience may be required beyond the four year requirement to ensure the quality of experience is equivalent to that of someone whose work does contain sufficient application of engineering or geoscience principles.

Experience in a discipline different than your degree

If your experience is in a discipline different than your degree (eg. a mechanical engineering graduate who is working in the petroleum engineering field), the Board may require you to obtain additional experience beyond the four year requirement to ensure that your experience is equivalent to that of someone working within the speciality of their degree.

Experience outside the field of your degree

If your experience is in a field other than your degree (eg. a geology graduate who is employed in the engineering field), depending on the APEGGA designation being sought, the Board may either require you to obtain substantial academic upgrading, or require you to obtain additional experience beyond the four year requirement, or both, to ensure that the quality of experience is equivalent to that of someone who has clearly related education and experience.

MIDTERM REVIEW FOR MEMBERS-IN-TRAINING

If you, your supervisor or mentor are not sure whether your experience is acceptable, you may submit an experience record to the Association for a preliminary review after two years. Please note that this is an informal review for guidance purposes and does not guarantee acceptance of experience when a formal application for licensure as a professional member is made.

The ability to think straight, some knowledge of the past, some vision of the future, some urge to fit that service into the well-being of the community—these are the most vital things education must produce.

-Virginia Gildersleeve

DOCUMENTATION

It is a good idea to start documenting your experience and developmental programs early in your career. There are four good reasons for this. First, you will need detailed information on your experience in order to demonstrate to the Board of Examiners that you have been practicing engineering, geology or geophysics for the required amount of time and at the required level. Second, if you are working in a remote area without close professional supervision, or if you are supervised by a professional from outside the company (whom you may see less frequently), you will definitely need good documentation. Third, in Canada some jurisdictions that provide the same functions as APEGGA demand a logbook of your experience. If you expect to move, or want the flexibility to be able to move, APEGGA recommends that you maintain a detailed diary. Finally, after you are licensed as a professional member, there is a mandatory requirement as part of the Continuing Professional Development Program that you document any activities that have enabled you to maintain your competence.

The Board of Examiners needs evidence that you have experience in the five components mentioned earlier, and that you have been practicing at the required level. This requires information on position titles, job descriptions, specific assignments and responsibilities, values, successes, degrees of independence and initiative needed, and evidence of increasing levels of responsibility. The Board will also need a list of the professional development courses and seminars you have attended. Indicate the number of contact hours that were involved in each.

The only format that will be accepted as an experience record is the "APEGGA WORK EXPERIENCE RECORD." The form can be found in APPENDIX 3 along with instructions for completing it, or in downloadable format at www.APEGGA.org

MEMBER INDUCTION CEREMONY

Once the Board of Examiners has advised you that you have been licensed as a professional member, you will be invited to a Member Induction Ceremony. These ceremonies, which are conducted in various locations around the province, were introduced for the first time in 1995. At the ceremony your sponsor, usually one of the members you nominated as a reference, will introduce you to the professions and you will be asked to repeat an oath. Your attendance is voluntary, but APEGGA expects that the Member Induction Ceremony will become accepted as a meaningful recognition of a major milestone in the development of professional engineers, geologists and geophysicists.

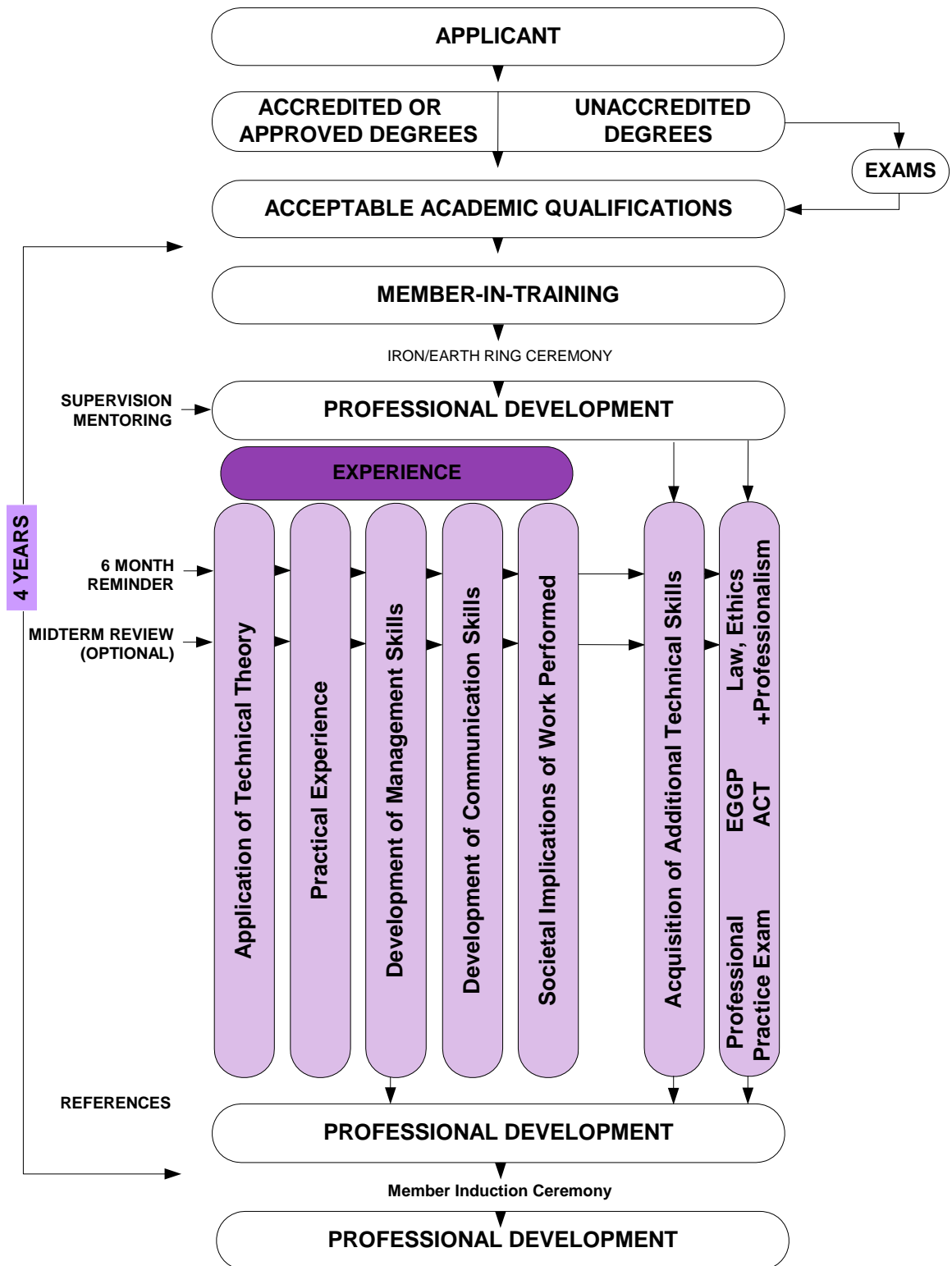
APPENDIX 1
Professional Development for Members-in-Training

APPENDIX 2
Reference Questionnaire (blank form)

APPENDIX 3
Experience Record (blank form)

APPENDIX 4
Experience Record (examples)

**APPENDIX 1
Professional Development for Members-in-Training**



APPENDIX 2
Reference Questionnaire (blank form)

REFERENCE QUESTIONNAIRE

Please refer to the attached work experience record for the time period you are referencing; please fill in each box

Applicant Name		Date Completed	
Reference Name			
Relationship to Applicant: (Supervisor, Mentor, Colleague, Client)			
Company			
Time period you are referencing	From (mmm/yy)	To (mmm/yy)	
Reference's Professional Designation, if any (eg. P.Eng, P.Geol, P.Geoph, PPT, PE)			
What percent of the work performed was at a technologist level or lower?			
Please answer the following questions with "yes", "no" or "I don't know" in the boxes			
Do you verify that the experience record provided for this referenced work is accurate and valid for the time period you are referencing?			
Is/was the work performed by the applicant at a professional eng/geol/geoph level?			
Does the applicant exhibit a good character and reputation?			
Does the applicant understand and apply the principles of the Code of Ethics?			
Has the applicant demonstrated an acceptable working knowledge of spoken and written English?			
Has the applicant become aware of the societal implications of his/her work?			
Do you recommend that the applicant be registered as a professional member with APEGGA?			
If not, please explain below:			
What areas does the applicant have to improve in to receive your recommendation for registration?			
Any further comments you wish to make:			

Signature	
Date	

REVISED: FEBRUARY 6, 2008

APPENDIX 3
Experience Record (blank form)



INSTRUCTIONS FOR COMPLETING THE WORK EXPERIENCE RECORD

Professional Member Applicants

Specified forms are required for reporting experience qualifications for an application as a Professional Member of APEGGA (P.Eng, P.Geol or P.Geoph). These forms can be found as part of the application package or on the website as an **Excel file** at http://www.apegga.org/applicants/engineers/peng_general.html. Fill in the APEGGA Work Experience Record either in Excel or by hand and include it with your application documents. APEGGA cannot accept the Work Experience Record electronically at this time.

NO OTHER FORMAT WILL BE ACCEPTED

The summary page is a brief summary of your work history including times spent in non-engineering roles. All non-shaded areas must be filled in completely. The “Summary of Experience Gained” area should be a brief summary of your responsibility(s) in that position. The purpose of this summary sheet is to give the experience examiner an overview of your work history. Use more than one sheet if needed. Do not use more text than will visibly fit in the cell or some may be missed.

The “**Work Experience Record Detail**” page is where the details of your experience, focussed on the Engineering, Geological or Geophysical aspects of your work are presented. There must be one page for each work period. Work periods must be definable for clarity and evaluation of your experience. Examples of work periods:

- one for each major new job
- one for each employer
- one for each assignment (different positions) at one employer.

Choose the one that fits your experience best. Do not use more text than will visibly fit in the cell or some may be missed.

In the “**Work Experience Details**” section the description of your experience must fit in the space provided. If completing the form using Excel the words may extend beyond the visible portion of the cell and may not be seen when printed. Be clear and concise.

For all applicants the Board of Examiners will be looking for specific experience in the following areas.

- Application of technical theory
- Practical Experience
- Management
- Implications of your work on Society
- Communication

Your entire work history will be sent to each of the references that you have indicated on your Work Experience Record so they can comment on the specific time period that pertains to them. A SAMPLE COPY of the reference questionnaire is also included in the application package. This is simply for you to be aware of the questions that your references will be asked.

WORK EXPERIENCE RECORD SUMMARY

(Please fill in positions in reverse chronological order from most recent to past)

Applicant Name:		Date	
Most Recent or Current Job			
Employer		Reference Name & Professional Designation	
Job Title		E-mail Address (non-generic)	
Start Date (mmm/yyyy)		Mail Address	
Finish Date (mmm/yyyy)			
Duration: Months		Fax #	
		Supervisor Name & Professional Designation (if different than above)	
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Previous Job			
Employer		Reference Name & Professional Designation	
Job Title		E-mail Address (non-generic)	
Start Date (mmm/yyyy)		Mail Address	
Finish Date (mmm/yyyy)			
Duration: Months		Fax #	
		Supervisor Name & Professional Designation (if different than above)	
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Previous Job			
Employer		Reference Name & Professional Designation	
Job Title		E-mail Address (non-generic)	
Start Date (mmm/yyyy)		Mail Address	
Finish Date (mmm/yyyy)			
Duration: Months		Fax #	
		Supervisor Name & Professional Designation (if different than above)	
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:		Date	
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:		Job Title:	
Supervisor & Prof. Designation			
Start Date:		m m m /yyyy	
Finish Date:		m m m /yyyy	
Total Months			
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level (<i>Use "Alt+Enter" to start a new line</i>)		Months claimed =>	
Technologist level		Months claimed =>	
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

APPENDIX 4
Experience Record (examples)

WORK EXPERIENCE RECORD SUMMARY			
<i>(Please fill in positions in reverse chronological order from most recent to past)</i>			
Applicant Name:	Bill Smith EIT	Date	Feb 1 2008
Most Recent or Current Job			
Employer	GS Oil Resources	Reference Name & Professional Designation	Alphonse Pakula P.Eng
Job Title	Reservoir Engineer EIT	E-mail Address (non-generic)	apakula@gso.com
Start Date (mmm/yyyy)	Sep-06	Mail Address	10910 109 St Edmonton AB T5J2L7
Finish Date (mmm/yyyy)	Jan-08		
Duration: Months	16	Fax #	780 444-5656
		Supervisor Name & Professional Designation (if different than above)	John Bear P.Eng
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Developed programs to replace obsolete equipment, work overs, operations support and water flood reactivations.			
Previous Job			
Employer	GS Oil Resources	Reference Name & Professional Designation	Alphonse Pakula P.Eng
Job Title	Reservoir Engineer EIT	E-mail Address (non-generic)	apakula@gso.com
Start Date (mmm/yyyy)	Jul-04	Mail Address	10910 109 St Edmonton AB T5J2L7
Finish Date (mmm/yyyy)	Aug-06		
Duration: Months	25	Fax #	780 444-5656
		Supervisor Name & Professional Designation (if different than above)	John Bear P.Eng
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Worked on debottlenecking projects, tie-ins, workovers.			
Previous Job			
Employer	GS Oil Resources	Reference Name & Professional Designation	John Bear P.Eng
Job Title	Reservoir Engineer EIT	E-mail Address (non-generic)	jbear@gso.com
Start Date (mmm/yyyy)	Jun-02	Mail Address	10910 109St Edmonton AB T5J2L7
Finish Date (mmm/yyyy)	Jun-04		
Duration: Months	24	Fax #	780 444-5656
		Supervisor Name & Professional Designation (if different than above)	John Bear P.Eng
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Performed the duties of a reservoir engineer, drilling, water floods and voidage balances.			

Previous Job			
Employer	GS Oil Resources	Reference Name & Professional Designation	John Bear P.Eng
Job Title	Reservoir Engineer EIT	E-mail Address (non-generic)	jbear@gso.com
Start Date (mmm/yyyy)	Sep-00	Mail Address	10910 109 St Edmonton AB T5J2L7
Finish Date (mmm/yyyy)	Aug-01		
Duration: Months	11	Fax #	780 444-5656
		Supervisor Name & Professional Designation (if different than above)	John Bear P.Eng
General nature of responsibilities: Summary of experience gained. (Use Alt+enter to start a new line)			
Provided production engineering support to senior engineers.			
Previous Job			
Employer		Reference Name & Professional Designation	
Job Title		E-mail Address (non-generic)	
Start Date (mmm/yyyy)		Mail Address	
Finish Date (mmm/yyyy)			
Duration: Months		Fax #	
		Supervisor Name & Professional Designation (if different than above)	
General nature of responsibilities: Summary of experience gained. (Use Alt+enter to start a new line)			
Previous Job			
Employer		Reference Name & Professional Designation	
Job Title		E-mail Address (non-generic)	
Start Date (mmm/yyyy)		Mail Address	
Finish Date (mmm/yyyy)			
Duration: Months		Fax #	
		Supervisor Name & Professional Designation (if different than above)	
General nature of responsibilities: Summary of experience gained. (Use Alt+enter to start a new line)			
Use additional Sheets if Necessary			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Bill Smith EIT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	GS Oil Resources	Job Title:	Reservoir Engineer EIT
Supervisor & Prof. Designation	John Bear P.Eng		
Start Date:	September-06	mmm/yyyy	
Finish Date:	January-08	mmm/yyyy	
Total Months	16		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>		Months claimed	12
<p>Evaluated up-hole development opportunities. Provided engineering input to replace obsolete and corrded equipment to increase gas production Managed a well work over program. Provide operations support for projects. Worked on a large Waterflood reactivation.</p>			
Technologist level		Months claimed	4
<p>Data collection for further analysis of work overs. Support of operations staff in field.</p>			
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Bill Smith EIT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	GS Oil Resources	Job Title:	Reservoir Engineer EIT
Supervisor & Prof. Designation	John Bear P.Eng		
Start Date:	July-04	m mm/yyyy	
Finish Date:	August-06	m mm/yyyy	
Total Months	25		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>		Months claimed	25
<p>Evaluated up-hole development opportunities. Provided engineering input to replace obsolete and corrded equipment to increase gas production Evaluated and proposed well work over programs. Provide operations support for projects. Worked on a large Waterflood reactivation with extensive collaboration with a geoligist. Monthly progress reports were required for management.</p>			
Technologist level		Months claimed	
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Bill Smith EIT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	GS Oil Resources	Job Title:	Reservoir Engineer EIT
Supervisor & Prof. Designation	John Bear P.Eng.		
Start Date:	June-03	mm/yyyy	
Finish Date:	June-04	mm/yyyy	
Total Months	12		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	12	
Developed a drilling and reservoir management plan for properties in Saskatchewan Completed material balances Worked on a team re-activating water floods Presented reports on the results of studies to management			
Technologist level	Months claimed		
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Bill Smith EIT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	GS Oil Resources	Job Title:	Reservoir Engineer EIT
Supervisor & Prof. Designation	John Bear P.Eng.		
Start Date:	June-03	mm/yyyy	
Finish Date:	June-04	mm/yyyy	
Total Months	12		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	6	
Completed a production engineering model of a two phase gathering system Analysed the model and prepared a written recommendation for debottlenecking			
Technologist level	Months claimed	6	
Provided support for reservoir engineers in their daily activities (data collection, analysis)			
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD SUMMARY

(Please fill in positions in reverse chronological order from most recent to past)

Applicant Name:	Janet Warner Geol IT	Date	Feb 1 2008
Most Recent or Current Job			
Employer	Imperial Oil Resources	Reference Name & Professional Designation	C Fenglong P.Geol.
Job Title	Reservoir Geologist Geol IT	E-mail Address (non-generic)	cflenlong@iol.com
Start Date (mmm/yyyy)	Mar-06	Mail Address	804 5 Ave SW Calgary AB C4V6G3
Finish Date (mmm/yyyy)	Jan-08		
Duration: Months	22	Fax #	403 555-1234
		Supervisor Name & Professional Designation (if different than above)	C Fenglong P.Geol.
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Intimate knowledge of log response to lithology and fluid behaviour			
Previous Job			
Employer	Husky Petroleum	Reference Name & Professional Designation	F Brady P.Geol.
Job Title	Reservoir Geologist Geol IT	E-mail Address (non-generic)	fbrady@husky.com
Start Date (mmm/yyyy)	Mar-05	Mail Address	704 5 Ave SW Calgary AB C4V6G2
Finish Date (mmm/yyyy)	Feb-06		
Duration: Months	11	Fax #	403 555-5678
		Supervisor Name & Professional Designation (if different than above)	F Brady P.Geol.
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Analysis and evaluation of reservoirs			
Previous Job			
Employer	Geological Survey of Canada	Reference Name & Professional Designation	Dr. D Barton P.Geol.
Job Title	Contract Geology Associate	E-mail Address (non-generic)	dbarton@gsc.ca
Start Date (mmm/yyyy)	Jun-04	Mail Address	345 7 Ave SW Calgary C4F4G5
Finish Date (mmm/yyyy)	Feb-05		
Duration: Months	8	Fax #	403 234-3344
		Supervisor Name & Professional Designation (if different than above)	Dr. D Barton P.Geol.
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Application of carbonate sedimentology, mapping skills, computer modelling and interpretation of isotope ratios.			

Previous Job			
Employer	University of Alberta	Reference Name & Professional Designation	Dr. R Spicer
Job Title	Masters Student	E-mail Address (non-generic)	rspicer@ua.ca
Start Date (mmm/yyyy)	Sep-02	Mail Address	Dept of Earth Sciences - University of Alberta
Finish Date (mmm/yyyy)	Mar-04		
Duration: Months	18	Fax #	780 555-3434
		Supervisor Name & Professional Designation (if different than above)	Dr. R Spicer
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Thesis: Deposition of Diagenetic Features of the Middle Miocene Cayman Formation, Rogers Wreck Point, Grand Cayman, British West Indies.			
Previous Job			
Employer		Reference Name & Professional Designation	
Job Title		E-mail Address (non-generic)	
Start Date (mmm/yyyy)		Mail Address	
Finish Date (mmm/yyyy)			
Duration: Months		Fax #	
		Supervisor Name & Professional Designation (if different than above)	
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Previous Job			
Employer		Reference Name & Professional Designation	
Job Title		E-mail Address (non-generic)	
Start Date (mmm/yyyy)		Mail Address	
Finish Date (mmm/yyyy)			
Duration: Months		Fax #	
		Supervisor Name & Professional Designation (if different than above)	
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Use additional Sheets if Necessary			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Janet Warner Geol IT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	Imperial Oil Resources	Job Title:	Reservoir Geologist Geol IT
Supervisor & Prof. Designation	Mr. C Fenlong P.Geol		
Start Date:	March-06	mmm/yyyy	
Finish Date:	January-08	mmm/yyyy	
Total Months	22		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	22	
<p>Intimate knowledge of log response to lithology and fluid behaviour permitted discrimination between gas and fresh water charged systems</p> <p>Clastic sequence stratigraphy used to delineate small channel sand reservoirs previously missed by regional scale mapping.</p> <p>Three economically viable prospects were identified resulting in the initiation of a 10 well infill drilling program to extend the Redcliff South "A" Pool. Supported the drilling of 5 wells, including the identification of perforation zones.</p> <p>Stewarded design and approval process of drilling program and acted as technical geoscience leader throughout drilling and completions and reported progress.</p> <p>Final presentation of reserve booking to committee</p> <p>Assisted with safety compliance of well site operations.</p>			
Technologist level	Months claimed		
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Janet Warner Geol IT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	Husky Petroleum	Job Title:	Reservoir Geologist Geol IT
Supervisor & Prof. Designation	Mr F Brady P. Geol		
Start Date:	March-05	mmm/yyyy	
Finish Date:	February-06	mmm/yyyy	
Total Months	11		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	11	
<p>Depositional style and facies architecture of play interpreted using current sequence stratigraphic theory to enhance targeting of reservoir sweet spots</p> <p>Knowledge of environmental variation essential to proper risking in modelling reserves</p> <p>A complete assessment of reservoir quality encompassing stratigraphic and facies mapping, H2S risk evaluation and Monte Carlo simulation of reserves</p> <p>Well site support during the drilling of 2 wildcat wells, including chip analysis, core description, mud gas and production log interpretation.</p> <p>Coordinated wellsite to office communications, made decisions to keep costs minimized and operations on schedule.</p> <p>Assisted in safety compliance of well site operations.</p>			
Technologist level	Months claimed		
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Janet Warner Geol IT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	Geologic Survey of Canada	Job Title:	Contract Geology Associate
Supervisor & Prof. Designation	Dr. D Barton P.Geol.		
Start Date:	June-04	mm/yyyy	
Finish Date:	February-05	mm/yyyy	
Total Months	8		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	6	
<p>Intensive application of carbonate sedimentology and diagenesis in field descriptions and later interpretation of the alteration processes which took place to create a viable gas reservoir.</p> <p>Interpretation of isotope ratios and analysis techniques.</p> <p>General mapping skills.</p> <p>Computer modelling refined volumetric reserve estimates.</p> <p>Thin section and isotopic analysis of sampled dolomite and bitumen residues, reservoir characterization and evaluation of hydrocarbon potential.</p> <p>Responsible for budgeting, timeliness, technical progress and ensuring the project remained on target.</p> <p>Supervised a field crew of colleagues and junior assistants</p> <p>Results and recommendations were formulated into a published technical report.</p> <p>Collaboration and oral presentations were prepared to inform all parties of findings and final conclusions</p>			
Technologist level	Months claimed	2	
<p>Proper permissions and permits for access to sites were obtained and used low impact techniques.</p>			
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Janet Warner Geol IT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	University of Alberta	Job Title:	Masters Student
Supervisor & Prof. Designation	Dr. R Spicer		
Start Date:	September-02	mmm/yyyy	
Finish Date:	March-04	mmm/yyyy	
Total Months	18		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	12	
<p>Completed a thesis titled: Depositional and Diagenetic Features of the Middle Miocene Cayman Formation, Rogers Wreck Point, Grand Cayman, British West Indies.</p> <p>Prepared written and oral thesis presentations.</p> <p>Conducted laboratory research.</p>			
Technologist level	Months claimed		
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD SUMMARY

(Please fill in positions in reverse chronological order from most recent to past)

Applicant Name:	Jeff Goodwind Geoph IT	Date	Feb 1 2008
Most Recent or Current Job			
Employer	Marbrook Petroleum	Reference Name & Professional Designation	Brian Barton P.Geoph.
Job Title	Geophysics Associate	E-mail Address (non-generic)	bbarton@marbrook.ca
Start Date (mmm/yyyy)	Jan-07	Mail Address	3406 16 Ave NE Calgary C4J3W5
Finish Date (mmm/yyyy)	Jan-08		
Duration: Months	12	Fax #	403 234-5678
		Supervisor Name & Professional Designation (if different than above)	same
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Interpretation of sequence stratigraphy Design of 3D seismic			
Previous Job			
Employer	Marbrook Petroleum	Reference Name & Professional Designation	Brian Barton P.Geoph.
Job Title	Geophysics Associate	E-mail Address (non-generic)	bbarton@marbrook.ca
Start Date (mmm/yyyy)	Dec-05	Mail Address	3406 16 Ave NE Calgary C4J3W5
Finish Date (mmm/yyyy)	Dec-06		
Duration: Months	12	Fax #	403 234-5678
		Supervisor Name & Professional Designation (if different than above)	Same
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Interpretation of sequence stratigraphy Quality Assurance of the seismic lines.			
Previous Job			
Employer	Kintec International	Reference Name & Professional Designation	Bob Appleby P.Geoph
Job Title	Supervisor - Data Processing	E-mail Address (non-generic)	bappleby@kintec.ca
Start Date (mmm/yyyy)	Sep-04	Mail Address	345 7 Ave SW Calgary C5T6Y4
Finish Date (mmm/yyyy)	Nov-05		
Duration: Months	14	Fax #	403 234-1122
		Supervisor Name & Professional Designation (if different than above)	John Spencer P.Geoph
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Computer Processing of raw data Use of pre-stack migration techniques			

Previous Job			
Employer	Kintec International	Reference Name & Professional Designation	Bob Appleby P.Geoph
Job Title	Seismic Crew Supervisor	E-mail Address (non-generic)	bappleby@kintec.ca
Start Date (mmm/yyyy)	Jun-03	Mail Address	345 7 Ave SW Calgary C5T6Y4
Finish Date (mmm/yyyy)	Aug-04		
Duration: Months	14	Fax #	403 234-1122
		Supervisor Name & Professional Designation (if different than above)	John Spencer P.Geoph
General nature of responsibilities: Summary of experience gained. <i>(Use Alt+enter to start a new line)</i>			
Adaptation of seismic shoots Execution of field data gathering			
Use additional sheets if required			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Jeff Goodwind Geoph IT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	Marbrook Petroleum	Job Title:	Geophysics Associate
Supervisor & Prof. Designation	Brian Barton P.Geoph.		
Start Date:	January-07	mm/yyyy	
Finish Date:	January-08	mm/yyyy	
Total Months	12		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	12	
<p>Interpretation of sequence stratigraphy and structural traps to locate oil and gas deposits.</p> <p>Integration of the geologists and geophysicists work to determine the reservoir characteristics and depth in order to drill a well.</p> <p>Design of 3D seismic for field crews bases on previous geophysical and geological information.</p> <p>Quality assurance of the seismic lines and surveys after the data has been received.</p> <p>Economic analysis of potential reservoirs</p> <p>Exploitation and exploration geophysics</p> <p>Assisting the geologist with the determination of the drilling locations.</p> <p>Contract seismic data from data seismic brokers.</p> <p>Communicated with data processors about processing techniques.</p> <p>Determining well locations selected taking into account factors such as population centers and ecological areas.</p>			
Technologist level	Months claimed		
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Jeff Goodwind Geoph IT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	Marbrook Petroleum	Job Title:	Geophysics Associate
Supervisor & Prof. Designation	Brian Barton P.Geoph.		
Start Date:	December-05	mmm/yyyy	
Finish Date:	December-06	mmm/yyyy	
Total Months	12		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	11	
<p>Interpretation of sequence stratigraphy and structural traps to locate oil and gas deposits.</p> <p>Integration of the geologists and geophysicists work to determine the reservoir characteristics and depth in order to drill a well.</p> <p>Quality assurance of seismic lines and surveys after the data has been received.</p> <p>Exploitation and exploration geophysics.</p> <p>Contracting seismic data from data seismic brokers.</p> <p>Communication with data processors about various techniques.</p>			
Technologist level	Months claimed	1	
Communication with data brokers			
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Jeff Goodwind Geoph IT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	Kintec International	Job Title:	Supervisor - Data Processing
Supervisor & Prof. Designation	John Spencer P.geoph.		
Start Date:	September-04	mmm/yyyy	
Finish Date:	November-05	mmm/yyyy	
Total Months	14		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	8	
<p>Computer processing of raw data including de-convolution, stacking and migration techniques. Investigated techniques such as AVO analysis. Use of pre-stack migration techniques. Use of frequency filter to remove 'noise'. In charge of a team of up to four data processors. Responsible for maintaining project schedule and monitoring team productivity. Prepared progress and status reports (formal presentations) for management and clients.</p>			
Technologist level	Months claimed	6	
<p>Acquiring data from field crews in it's raw form Ensure quality assurance of data Deliver final data to the client. Compiled written final report packages for clients.</p>			
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			

WORK EXPERIENCE RECORD DETAILS			
Applicant Name:	Jeff Goodwind Geoph IT	Date	Feb 1 2008
USE ONE FORM FOR EACH EMPLOYER/JOB/POSITION. DETAIL YOUR EXPERIENCE			
Employer:	Kintec International	Job Title:	Seismic Crew Supervisor
Supervisor & Prof. Designation	John Spencer P. Geoph.		
Start Date:	June-03	mmm/yyyy	
Finish Date:	August-04	mmm/yyyy	
Total Months	14		
WORK EXPERIENCE DETAILS			
Professional Eng/Geol/Geoph Level <i>(Use "Alt+Enter" to start a new line)</i>	Months claimed	8	
<p>Adapted seismic shoots to accommodate local terrain features Modified vibration frequency based on geological characteristics. Management of daily seismic crew activity including task assignment, productivity, optimization, cost and discipline. Responsible for ensuring that local landowners and concerned citizens receive all possible information. Attended local information sessions for local residents.</p>			
Technologist level	Months claimed	6	
<p>Execution of field data gathering. Ensuring that all equipment is in good working order and that data is not corrupted by external 'noise'. Responsible for equipment maintenance and computer management.. Daily reports to office on project progress.</p>			
<p>Professional Eng/Geol/Geoph level experience: Work where the direct application of engineering/geoscience principles is evident. (for example: design, problem resolution, failure analysis, interpretation of data; planning & execution of drill programs, interpretation of geoscience data and translation into maps and cross-sections, mapping of complex or new terranes, geoenvironmental field work and testing which requires prior geological understanding, well-site geology where drill operation is dependent).</p>			
<p>Technologist level experience: Work where the application of engineering/geoscience principles is not evident. (for example data collection without analysis, report writing, field coordination; simple core description and mapping, sampling [rock, auger, soil], basic mineral exploration, generation of maps and cross-sections from data bases, data entry and control).</p>			