

Form 3160-3  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

**Bold\*** fields are required.

Section 1 - Completed by Operator	
<b>1. BLM Office*</b> Glenwood Springs, CO	<b>2. Confidentiality</b> <input type="checkbox"/> Confidential
<b>3. Work Type*</b> <input checked="" type="radio"/> DRILL <input type="radio"/> REENTER	<b>4. Well Type*</b> GAS
Operating Company Information	
<b>5. Company Name*</b> ENCANA OIL & GAS (USA) INC.	
<b>6. Address*</b> 370 17TH STREET SUITE 1700  DENVER CO 80202	<b>7. Phone Number*</b> 877-386-2200
Administrative Contact Information	
<b>8. Contact Name*</b> HEATHER _ MITCHELL	<b>9. Title*</b> REGULATORY ANALYST
<b>10. Address*</b> 370 17TH STREET SUITE 1700  DENVER CO 80202	<b>11. Phone Number*</b> 720-876-3070 _ <b>12. Mobile Number</b> _____
<b>13. E-mail*</b> MIRACLE.PFISTER@ENCANA.COM	<b>14. Fax Number</b> _____
Technical Contact Information	
<input type="checkbox"/> Check here if Technical Contact is the same as Administrative Contact.	
<b>15. Contact Name*</b> BONNIE _ LAMOND	<b>16. Title*</b> PERMITTING TECHNICIAN
<b>17. Address*</b> 370 17TH STREET SUITE 1700  DENVER CO 80202	<b>18. Phone Number*</b> 720-876-5156 _ <b>19. Mobile Number</b> _____
<b>20. E-mail*</b> bonnie.lamond@encana.com	<b>21. Fax Number</b> _____
Lease and Agreement	
<b>22. Lease Serial Number*</b> COC51156	_____
<b>24. If Unit or CA/Agreement, Name and/or Number</b> HUNTER MESA	<b>25. Field and Pool, or Exploratory Area*</b> MAMM CREEK

26. Number of Acres in Lease* 1172				27. Spacing Unit dedicated to this well _____	
Well					
28. Well Name* HMU		29. Well Number* 6-15AA (J6SEB)		30. API Number _____	
31. Proposed M.D. 8846		32. Proposed T.V.D. _____		33. Elevation 7143 Ground Level	
34. BLM/BIA Bond Number COB000235		35. Work Start Date 05/01/2013		36. Work Duration 08/01/14	
37. Number of Completions —		38. Cable Tool <input checked="" type="radio"/> Cable <input type="radio"/> Rotary			
Surface Location					
39. Specify location using one of the following methods: a) State, County, Section, Township, Range, Meridian, N/S Footage, E/W Footage, with Qtr/Qtr, Lot, or Tract b) State, County, Latitude, Longitude, Metes & Bounds description					
County or Parish, State* GARFIELD COUNTY CO					
Section 6	Township 8S	Range 92W	Meridian 6TH PRINCIPAL		
Qtr/Qtr NWSE	Lot # —	Tract # _____	N/S Footage 1910 FSL	E/W Footage 1885 FEL	
Latitude 39.387355	Longitude 107.706041	Metes and Bounds			
40. Distance in miles and direction from nearest town or post office 16.4 MILES TO RIFLE					
41. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 726 FEET TO NEAREST PROPERTY LINE					
42. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 330 FEET					
Bottom Hole Location					
43. Specify location or <input type="checkbox"/> Check here if the bottom hole location is the same as the surface location.					
County or Parish, State* GARFIELD COUNTY CO					
Section 6	Township 8S	Range 92W	Meridian 6TH PRINCIPAL		
Qtr/Qtr SWSE	Lot # —	Tract # _____	N/S Footage 655 FSL	E/W Footage 1410 FEL	
Latitude 39.387355	Longitude 107.704358	Metes and Bounds			
44. Additional Information Please provide any additional pertinent infromation. The J6SEB is an a new pad, east of the J6SE pad in the Hunter Mesa Unit. There will be two occupations.					

BLM Bond COB000235/Nationwide Oil & Gas Bond Surety I.D. NO RLB0004733

Surface Owner: Federal BLM  
Minderal Owner: Federal BLM

Attachments:

- 9-pt. Drilling Plans
- Directional survey
- 12-pt Surface Use Plan
- Self Cert Page
- Survey and Plat
- One-Mile Raduis Map

GIS Data will be e-mailed directly to Faith Gall.

I hereby certify that the foregoing is true and correct.

45. Name* BONNIE _ LAMOND	46. Title PERMITTING TECHNICIAN
47. Date* (MM/DD/YYYY) 01/28/2013	48. Signature* <i>You have the ability to sign this form only if a SmartCard or digital certificate has been issued to you.</i>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Section 2 - System Receipt Confirmation

49. Transaction _____	50. Date Sent _____	51. Processing Office _____
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Section 3 - Internal Review #1 Status

52. Review Category _____	53. Date Completed _____	54. Reviewer Name _____
55. Comments		

Section 4 - Internal Review #2 Status		
56. Review Category _____	57. Date Completed _____	58. Reviewer Name _____
59. Comments		

Section 5 - Internal Review #3 Status		
60. Review Category _____	61. Date Completed _____	62. Reviewer Name _____
63. Comments		

Section 6 - Internal Review #4 Status		
64. Review Category _____	65. Date Completed _____	66. Reviewer Name _____
67. Comments		

Section 7 - Final Approval Status			
68. Disposition _____	69. Date Completed _____	70. Reviewer Name _____	71. Reviewer Title _____
72. Comments			

INSTRUCTIONS

**GENERAL:** This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by Appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary sepcial instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices.

**Item 3 and 4:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

**Item 39 and 43:** Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

**Item 40:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by by Federal agency offices.

**Items 41 and 12:** If well is to be, or has been directionally drilled, give distances for subsurface location of the hole in

any present or objective productive zone.

**Item 35:** Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**NOTICE**  
The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

**PRINCIPAL PURPOSE:** The information is used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service well or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extracct the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluting the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

**ROUTINE USE:** Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, in connection with congressional inquiries and for regulatory responsibilites.

**EFFECT OF NOT PROVIDING THE INFORMATION:** Filing of this application and disclosure of the information is mandatory onlyu if you elect to initiate a drilling or reentry operation on an oil and gas lease.

**BURDEN HOURS STATEMENT**  
Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0136), Bureau Information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C Street, N.W., LS, Washington D.C. 20240

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease.