

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> Grand Junction, 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> OXY USA WTP LP	
<b>6. Address*</b> 760 HORIZON DRIVE SUITE 101 GRAND JUNCTION CO 81506	<b>7. Phone Number*</b> 970-263-3641
Administrative Contact Information	
<b>8. Contact Name*</b> JOAN _ PROULX	<b>9. Title*</b> REGULATORY ANALYST
<b>10. Address*</b> 760 HORIZON DRIVE SUITE 101 GRAND JUNCTION CO 81506	<b>11. Phone Number*</b> 970-263-3641 __
	<b>12. Mobile Number</b> _____
<b>13. E-mail*</b> joan_proulx@oxy.com	<b>14. Fax Number</b> 970-263-3694
Technical Contact Information	
<input checked="" type="checkbox"/> Check here if Technical Contact is the same as Administrative Contact.	
<b>15. Contact Name*</b> _____	<b>16. Title*</b> _____
<b>17. Address*</b> _____ _____ _____	<b>18. Phone Number*</b> _____
	<b>19. Mobile Number</b> _____
<b>20. E-mail*</b> _____	<b>21. Fax Number</b> _____
Lease and Agreement	
<b>22. Lease Serial Number*</b> COC67549	_____
<b>24. If Unit or CA/Agreement, Name and/or</b>	<b>25. Field and Pool, or Exploratory Area*</b>

Number		GRAND VALLEY	
26. Number of Acres in Lease* 1250		27. Spacing Unit dedicated to this well _____	
<b>Well</b>			
28. Well Name* SHELL		29. Well Number* 797-09-HN1	30. API Number _____
31. Proposed M.D. 15333	32. Proposed T.V.D. _____	33. Elevation 5918 Ground Level	
34. BLM/BIA Bond Number ESB000226	35. Work Start Date 07/01/2014	36. Work Duration 45 DAYS	
37. Number of Completions 1	38. Cable Tool <input checked="" type="radio"/> Cable <input type="radio"/> Rotary		
<b>Surface Location</b>			
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 9	Township 7S	Range 97W	Meridian 6TH PRINCIPAL
Qtr/Qtr _____	Lot # _____	Tract # 94	N/S Footage 345 FNL
E/W Footage 2344 FWL			
Latitude 39.46656	Longitude 108.22577	Metes and Bounds	
40. Distance in miles and direction from nearest town or post office 8.7			
41. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 345			
42. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 4176			
<b>Bottom Hole Location</b>			
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 16	Township 7S	Range 97W	Meridian 6TH PRINCIPAL
Qtr/Qtr _____	Lot # _____	Tract # 109	N/S Footage 986 FNL
E/W Footage 2541 FWL			
Latitude _____	Longitude _____	Metes and Bounds	
44. Additional Information			

Please provide any additional pertinent information.

The proposed Shell 797-09-HN1 well will be drilled from the existing Shell 797-09A pad which is located on private lands owned by Shell. There are two producing wells on this pad (Shell 797-09-12, 05-045-13794, and Shell 797-09-37A, 05-045-14926). The 797-09-HN1 well is a horizontal well which will be drilled in two stages. A vertical pilot hole will reach approximately 11,500' and be entirely in fee minerals. The pilot hole will then be plugged back and a horizontal sidetrack will be drilled into Federal minerals (Lease COC 67549). Access to the location is on existing roads across private land.

Per GarCo Vacation Ordinance dated 10-5-1987, CR 213 is now OXY's private property north of Sec 8, 7S, 97W, 6 PM. Oxy will provide appropriate housing for essential personnel in order to conduct safe, efficient drilling operations at this well site.

Please note the following: The North arrow marker on the plat pages is pointed South. The two location stakes in the plat photos are for the two wells permitted in 2010 that were never drilled. The production casing will be a tapered casing. The top portion of the casing will be 5 1/2" from surface to 8,400', and the sidetrack portion of the casing will be 4 1/2" from 8,400' to 15,346'.

Plug #1: 10,600 to 10,100 with 124 sxs

Plug #2: 9,300 to 8,500 with 231 sxs

The CPW pre-consultation meeting took place March 18, 2010, when the Shell 797-09A location was permitted (Form 2A document #400062185). The CPW, OXY and Shell agreed on fencing and netting COA modifications for the reserve pit; a copy of that documentation is attached.

However, because a closed-loop system will be used, a reserve pit will not be utilized.

I hereby certify that the foregoing is true and correct.

45. Name\*

JOAN\_PROULX

46. Title

REGULATORY ANALYST

47. Date\* (MM/DD/YYYY)

10/21/2013

48. Signature\*

*You have the ability to sign this form only if a SmartCard or digital certificate has been issued to you.*

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

### Section 3 - Internal Review #1 Status

52. Review Category

53. Date Completed

54. Reviewer Name

55. Comments
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Section 4 - Internal Review #2 Status		
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56. Review Category	57. Date Completed	58. Reviewer Name
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59. Comments
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Section 5 - Internal Review #3 Status		
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60. Review Category	61. Date Completed	62. Reviewer Name
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63. Comments
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Section 6 - Internal Review #4 Status		
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64. Review Category	65. Date Completed	66. Reviewer Name
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67. Comments
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Section 7 - Final Approval Status			
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68. Disposition	69. Date Completed	70. Reviewer Name	71. Reviewer Title
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72. Comments
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### 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 special 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 extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating 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 responsibilities.

**EFFECT OF NOT PROVIDING THE INFORMATION:** Filing of this application and disclosure of the information is mandatory only 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

