



Planning Department

1060 East 2<sup>nd</sup> Ave  
Durango, CO 81301  
(970)382-6263

April 30, 2018

BP America Production Company  
Attn: Naomi Azulai  
380 Airport Road  
Durango, CO 81303

**RE: Minor Oil and Gas Facility Application Permit # 2018-0070  
BP America Production Company – Harper 1-18 2**

Dear Ms. Azulai,

The La Plata County Planning Department (Department) has determined that your application for the Harper 1-18 2 minor facility permit is complete. After reviewing the subject application, the Department is granting administrative approval of the facility in accordance with Section 90-74 of the Oil and Gas Regulations of the La Plata County Land Use Code (LPLUC), subject to the attached conditions of approval (COAs). Any conditions that may require additional submittals have been emphasized with *italics*. Please feel free to contact me at 970-382-6390 if you have any questions or concerns regarding this permit approval or COAs.

Sincerely,

Brenna Kampf, Planner II  
La Plata County Planning Department

Cc: Kelly Bachor, La Plata County Public Works Department (via e-mail)  
La Plata County Office of Emergency Management (via e-mail)

# La Plata County Minor Oil and Gas Facility Application



*La Plata County*  
Colorado

**Planning Department**  
1060 E. 2<sup>nd</sup> Ave.  
Durango, CO 81301  
<http://co.laplata.co.us>

RECEIVED

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LA PLATA COUNTY PLANNING DEPT.

County Use Only – Date Received

-APPLICATION MUST BE SUBMITTED IN PERSON OR VIA U.S. MAIL  
-VERIFY FEES PRIOR TO SUBMITTING  
-PLEASE REFER TO CHAPTER 90 OF LA PLATA COUNTY LAND USE CODE

Application Fees Submitted: \$1,300 Additional Fees Submitted: \$8,900  
Proposed Facility Name: Harper 01-18 #2 well  
12 digit Parcel #: 5899-183-00-012 Sec., Twp, Rng.: Sec 18U, T34N, R6W  
Latitude (decimal degrees) 37.18720868 Longitude (decimal degrees) -107.54471397  
Measurements from Section Lines: 1274' FSL & 1631' FWL

Applicant: BP America Production Co. Contact Person: Naomi Azulai  
Address: 380 Airport Road, Durango CO 81303 Phone: 970-422-3516  
Designated Agent? Yes  No  (if Yes, please provide proof of designation)  
Agent: \_\_\_\_\_ Contact Person: \_\_\_\_\_  
Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
Emergency Contact: \_\_\_\_\_ Phone: \_\_\_\_\_  
Surface Owner: Eugene Harper Surface Owner: \_\_\_\_\_  
Address: 4008 CR 523, Bayfield, CO 81122 Address: \_\_\_\_\_  
Phone: 970-884-2547 Phone: \_\_\_\_\_

**APPLICANT'S/AGENT'S CERTIFICATION OF COMPLIANCE:**

I, \_\_\_\_\_, designated agent for \_\_\_\_\_ (Applicant), hereby certify that the information provided to La Plata County within and related/attached to this application complies with all La Plata County and State of Colorado regulations and is true and accurate. The Applicant will be held legally responsible for all acts, errors, and omissions arising from the development specified herein, and which is undertaken by the Applicant, Applicant's Employees, and any independent contactors and subcontractors pursuant to the approval of the application by La Plata County. By signing this application in accordance with all of the regulations of the La Plata Land Use Code, I hereby authorize La Plata County Employees to inspect the site for the Proposed Facility at any time before approval or denial of this application and upon reasonable notice after approval of this application.  
Signature: \_\_\_\_\_ Date: 3/6/2018

**County Use Only Beneath This Line**

Based on the information provided herein, this Minor Oil and Gas Facility Permit Application complies with Chapter 90 of the LPLUC and is hereby approved and permitted.

Permit/Project #: PL 2018-0070  
Name: Brenna Kauff Title: Planner II  
Signature: Brenna Kauff Date: 4/30/18

**CONDITIONS OF APPROVAL: SEE ATTACHED**

## Section I: Facility Description/Environmental Quality

### 1. Emergency Preparedness Plan:

Emergency Preparedness Plan has been provided to Office of Emergency Management for the current year (90-51)? Yes  No

\* If your Emergency Preparedness Plan is not up to date, your application will be deemed incomplete

### 2. Performance Security:

Is performance security for this facility covered under a blanket bond (90-49)? Yes  No

a. If Yes, please provide the following information. Additionally please submit one copy (one time) of the bond for the County's records:

i. Financial Institution JP Morgan Chase

ii. Dollar Amount of Bond \$175,000

iii. Bond # TFTS-924223

b. If No, an individual facility bond will be required. Please submit a copy of the bond and provide the following information:

i. Financial Institution \_\_\_\_\_

ii. Dollar Amount of Bond \_\_\_\_\_

iii. Bond # \_\_\_\_\_

### 3. Proposed Minor Facility

a. What is the primary function of the proposed Facility?

i. Is this Facility a Special Exception (90-125)? Yes  No

\* If the proposed facility is a production well and a Special Exception is being proposed, attach additional information as outlined in Section III (Supplemental Attachments), Item 1 to the permit application.

Well  Well with intermediate pipeline\*  Temporary storage yard (6 months or less)

Well with special mitigation  Water Pump Station (reclassified to minor facility)

Other : \_\_\_\_\_

\*If pipeline extends beyond ¼ notice area, a separate pipeline permit is required

b. If an intermediate pipeline is proposed please answer the following questions:

i. Pipeline length and material

ii. Lat & Long BOL: \_\_\_\_\_

iii. Lat & Long EOL: \_\_\_\_\_

c. Well Formation and type:

i. Formation:

Fruitland CBM

Conventional

Other : \_\_\_\_\_

ii. Type:

Directional

Horizontal

Vertical

d. Is the new well being installed on an existing pad?  Yes  No

If Yes, please fill out the information below:

i. What is the existing pad size (in acres): 0.789

ii. What is the proposed expanded pad size including the Temporary Use Area: 2.325

iii. What will the final pad size be after the TUA has been reclaimed: 1.580

- e. Is distribution voltage (12.43 kV 3-phase power) within ¼ mile of the site? Yes  No
- f. Will the proposed facility be electrified (90-122(d)(2))? Yes  No

If No, please fill out the information below:

i. What is the cumulative horsepower rating for all engines and motors for the proposed facility:

At sea level: 205  
 At facility elevation: 172

ii. If distribution voltage is located within ¼ mile, and the site is not proposed to be electrified, please attach information demonstrating that such electrification is infeasible.

g. What is the proposed time on location for continuous drilling and completion activities (90-19 *minor facilities requiring special mitigation measures*):  
24 days of continuous drilling. 4 days of completion work (no frac activity planned).

h. List all equipment to be proposed onsite. Include number, size, type and model of equipment if known. A list may also be attached to the permit application. You will be required to submit a list of equipment that has been set on the location 18 months after the drilling and completion of the well, unless the well is a legal, non-conforming use (90-44e).

2 wells, 2 artificial lift units (pump jacks), 2 electric motors to drive artificial lift, 2 separators, 1 generator (60HP) if electrification is delayed or for any ancillary equipment that electric service can't support, 2 above ground water tanks (300bbl each), 1 below ground water tank (95bbl), 1 water transfer skid, 2 electric motors for water transfer, 2 chemical injection skids, 2 remote telemetry units, and 2 gas meters. In addition to the equipment listed above, Red Cedar Gathering has following equipment located on site (permitted by Red Cedar): 1 gas compressor (145HP), 1 gas meter, 1 remote telemetry unit with solar kit.

**4. Construction and drilling phase earthwork to be performed**

a. What is the quantity of fill material to be brought to or removed from the site (90-41)?

Cut Material: 403 Cubic Yards  
 Fill Material: 655 Cubic Yards  
 Topsoil: 638 Cubic Yards  
 Net Import: 889 Cubic Yards

**5. Narrative**

a. Generally describe the facility proposed, operating plan, # of vehicles, etc. (90-41).

The existing pad for the Harper 01-18 #1 well will be expanded to also accommodate the proposed Harper 01-18 #2 well and associated equipment. Routine operations pick up trucks will consist of BP personnel accessing the site once or twice a week for routine maintenance and inspection.

6. Does the proposed facility have an associated MOU? Yes  No

If yes, respond to the questions below:

- a. Which MOU with La Plata County (operator name and date) applies to the proposed facility? BP 2008
- b. Which Road Maintenance Fee applies? Tier I  Tier II  Tier III  No Tier
- c. What is the amount of the Fee? \$8,900
- d. Is distribution voltage (12.43 kV 3-phase power) within ¼ mile of the site? Yes  No

7. Setback Issues (90-122b)

- a. Are the following setback requirements met?
  - i. Residential setbacks of 500' from wellhead: Yes  No
  - ii. Property line setbacks of 150' from wellhead: Yes  No
  - iii. Road, Utility, etc. setbacks of 200' from wellhead: Yes  No
  - iv. Pipeline setbacks of 50' from occupied structures: Yes  No
- b. If any setbacks are not met:
  - v. Was the facility drilled prior to the adoption of Chapter 90? Yes  No   
\* If yes, skip vi. and vii., below.
  - vi. Was a waiver requested by the applicant? Yes  No
  - vii. Was a waiver granted by the surface owner? Yes  No   
If Yes, please attach the written waiver.  
If No, please provide additional information in the narrative (item 5)

8. Access Roads (90-122(c) and 90-124(c))

- a. Does the Applicant have the legal right to use the access roads? Yes  No
- b. Will private roads be used to access the proposed facility? Yes  No
- c. If private roads will be used, does the Applicant have a signed road maintenance or improvement agreement? Yes  No   
If No, provide exhibits demonstrating the applicant attempted to negotiate an agreement for the road, to comply with the provisions of 90-122(c). Please attach to the permit.

9. Water Source (90-123(e))

- a. If fresh or potable water is proposed for use during construction, drilling, and completion, please provide the source of the water: Southern Ute Indian Tribe Water Distribution Facility - Ignacio, CO
- b. If the water source proposed for use is related to a decreed water right, please list the water rights case number associated with the decree: \_\_\_\_\_

10. Provide Driving directions to the proposed facility from Durango.

From the Junction of HWY 172 & HWY 160, head east on HWY 160 for 9.9 miles. Turn right onto HWY 160B for 1.5 miles. Turn right onto CR 521 for 1.4 miles. Turn left onto CR 523 for 2.0 miles. Turn right onto CR 523 for 1.8 miles. Turn left onto access road for 0.3 miles to well site.

**La Plata County Land Use Code Conditions of Approval**

1. Approval granted for the facility shall expire or be considered revoked if operations have not commenced within two years from the date of this approval, or three years with a valid permit extension (LPLUC Sec. 90-44.I).
2. If the applicant desires to modify the subject facility by changes to the permanent equipment, site layout, or operating plan approved in this permit, the addition of new permanent equipment (including the use of a compressor), or new grading activities, an modification to the original application is required (LPLUC Sec. 90-44.II).
3. *A Production Well Emergency Response Information Form (Rig Move Form) shall be filed with the La Plata County Office of Emergency Management prior to using drilling, completion, re-drill, or workover rigs (LPLUC Sec. 90-52).*
4. Facilities which are not electrically operated shall be equipped with quiet design mufflers or equivalent (LPLUC Sec. 90-122.IV.B).
5. Sound emissions shall at minimum be in accordance with the standards as adopted, and amended from time to time by COGCC (LPLUC Sec. 90-122.IV.E).
6. Open-ended discharge valves on all storage tanks, pipelines and other containers shall be secured (LPLUC Sec. 90-122.V.C).
7. All land within 25 ft. of any tank, pit or other structure containing flammable or combustible materials shall be kept free of dry weeds, grass or rubbish (LPLUC Sec. 90-122.V.D).
8. At all times best management practices shall be used to prevent stormwater discharges from impacting surface water quality (LPLUC Sec. 90-123.III.H).
9. Applicant shall remove or require the removal of chains from its heavy equipment before entering a county road (LPLUC Sec. 90-124.III.A).
10. *A driveway permit shall be obtained from the La Plata County Engineering Department in accordance with LPLUC Sec. 74-97.III.O for the intersection between the private driveway and CR 523 unless a permit has been previously approved (LPLUC Sec. 90-124.III.F).*
11. *Applicant shall provide a traffic control plan to the La Plata County Engineering Department prior to facility pad construction, drill rig movement commencement of construction, mobilization, demobilization, or any other disruption of two-way traffic, unless the requirement is waived by the Engineering Department Director (LPLUC Sec. 90-124.III.G).*

12. Dust shall be suppressed throughout construction, drilling and operational activities (LPLUC Sec. 90-124.III.H).
13. The site shall be maintained free of debris and excess material at all times during operation (LPLUC Sec. 90-124.IV.A).
14. BP America Production Company, in coordination with the La Plata County Weeds Department, is responsible for ongoing weed control of the facility site until abandonment and final reclamation is complete (LPLUC Sec. 90-124.V).
15. Applicant shall be required to adhere to all other applicable regulations for the construction and operation of the facility, as indicated in Chapter 90 of the LPLUC.