bp

BP America Production Company
380 Airport Rd
Durango, Colorado 81303

December 10, 2015

La Plata County
Planning Department
1060 E. 2nd Ave.
Durango, CO 81301

Attention: Drew Simmons

Re: Boone 1 (Existing Pad)

Enclosed:
Application Processing Fee: $1,300
La Plata County Minor Facility Permit Application

Dear Mr. Simmons,

BP America Production Company (BP) requires an artificial lift for Boon 1 well. This is an existing well. There will be no additional surface disturbance with this activity. The proposed artificial lift, beam unit will have a gas fired engine (13HP).

The tanks pictured in the "Viewing East" photo for the site have been sold by BP at auction and will be removed by the buyer.

Per your request, I am submitting the attached Minor Facility Permit to bring the well into compliance with the county permitting requirements implemented in 1990. This well was drilled in April 1988 prior to La Plata County Oil and Gas regulations.

A current Vicinity map, Site map and pictures of this site are included in the attachments

Please call me if you have any questions or need additional information.

Sincerely,

Patti L Campbell

Patti L. Campbell
Regulatory Analyst
(970) 335-3828 (Office)
(970) 335-3837 (Fax)

La Plata County Minor Oil and Gas Facility Application

La Plata County Colorado

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

-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

RECEIVED
DEC 1 1 2015
LA PLATA COUNTY PLANNING DEPT.

County Use Only – Date Received

Application Fees Submitted: $ 1,300 Additional Fees Submitted: $
Proposed Facility Name: Boone #1
12 digit Parcel #: 589919400020 Sec., Twp, Rng.: Sec. 19, T34N, R6W N.M.P.M
Latitude (decimal degrees) 37.172134 Longitude (decimal degrees) -107.53888
Measurements from Section Lines: 1090 FSL & 1850 FEL

Applicant: Patti Campbell Contact Person: Patti Campbell
Address: 380 Airport Road, Durango, CO 81303 Phone: 970-335-3828
Designated Agent? Yes ☐ No ☑ (if Yes, please provide proof of designation)

Agent: Contact Person:
Address: Phone:
Emergency Contact: Phone:

Surface Owner: Elizabeth Hallowell Rev. Trust Surface Owner:
Address: 3672 CR 523, Bayfield, CO. 81122 Address:
Phone: 970-553-0049 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: Patricia Campbell Date: 12/10/15

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 #: 2016-003C
Name: Drew Simmons Title: Planner I
Signature: [signature] Date: 2/12/16

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): 0.7 acres

ii. What is the proposed expanded pad size including the Temporary Use Area: N/A

iii. What will the final pad size be after the TUA has been reclaimed: N/A

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: _____
At facility elevation: 13 horsepower

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)*:
No drilling & completion- installing Artificial Lift

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).

Proposed equipment: 13 horsepower Artificial Lift

Existing equipment: Separator, Meter and water tanks

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)?

N/A

5. Narrative

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

Routine operational pick up trucks will be used for installation of Artificial Lift. Post installation of Artificial Lift 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?_____

b. Which Road Maintenance Fee applies? Tier I ☐ Tier II ☐ Tier III ☐ No Tier ☐

c. What is the amount of the Fee? _____

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: N/A

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 junction HWY 160 and HWY 172, East on HWY 160 for 9.9 miles, turn right onto HWY 160B for 1.5 miles, turn right onto CR 521 for 3.5 miles, turn left onto CR 524 for 1.4 miles, turn right onto CR 523 for 0.8 miles, turn left onto access road (please contact BP for electric gate code) for 0.7 miles to Boone #1 wellsite.

Section II: Required Attachments

To utilize GIS/Aerial photography for requirements 1-5 below, go to the La Plata County GIS website

1. **Surface Owner notifications (LPLUC 90-77, 90-41):**
   a. Attach a copy of the letter that was sent to surface owners within ¼ mile of proposed facility, which is required to include the following information*:
      i. Description of the proposed facility location (Township, Range, Section and parcel) and street address if available
      ii. Identification of Applicant and Designated Agent including addresses and phone numbers
      iii. Brief description of the proposed facility and equipment to be located on site once operational
      iv. Anticipated permit application submittal date of the permit to La Plata County
      v. Statement that "Subject to compliance with appropriate county regulations, La Plata County will typically approve this facility within 15 business days of its submittal if the application is complete and in compliance with county regulations. In order to ensure full consideration of public comment, comments on the proposed facility must be provided to the La Plata County Planning Department no later than 10 business days after the permit application submittal date".
      vi. Current address and telephone number of the La Plata County Planning Department
      vii. Explanation that additional information regarding the application is available for review at the La Plata County Planning Department
      viii. Statement that "county personnel may need to enter onto proposed well site property during review of the permit and thereafter upon notification"
      ix. Statement that "Surface owners who receive this letter may request written notification from (Operator) of the commencement of construction and drilling operations. Notification regarding commencement dates for construction and for drilling operations (if the application is approved) can be obtained by submitting a request in writing to the Planning Department within 15 business days from the date of the application submittal".

   b. Attach a list of notified surface owners, including the surface owner where the proposed facility is located, within ¼ mile of the proposed facility.

   c. Attach original certified mailing receipts matching the list of surface owners.

   **Note that a sample letter is available online or by request, from the Planning Department*

2. **Attach a copy of the letter that was sent to Division of Wildlife (LPLUC 90-123(d)(1)).**

3. **Attach a vicinity map containing the following (LPLUC 90-41):**
   a. Appropriate standard scale (1" = 100', 1" = 200', etc.)
   b. Title block, key and north arrow
   c. Section, Township, Range
   d. Well pad boundary
   e. Proposed intermediate pipeline route (if applicable)
   f. Existing water/gas pipeline routes
   g. Current surface ownership of all properties within ¼ mile of the proposed facility(s)
   h. Existing and proposed access to proposed facility, showing how the existing/proposed access ties into a county road or state highway

i. Setbacks from closest property boundary and closest occupied structure measured from the wellhead and intermediate pipeline.
j. Irrigation ditches, streams and rivers within 100' of the proposed facility.

4. **Attach a Site Plan containing the following (LPLUC 90-41):**
   a. Appropriate standard scale (1" = 100'; 1" = 200', etc.)
   b. Title block, key and north arrow
   c. Section, Township, and Range
   d. Existing equipment and improvements associated with the existing well (wellhead, separators, graded areas, flowlines, powerlines, etc.)
   e. Proposed equipment and improvements associated with the proposed well (wellhead, separators, graded areas, flowlines, , etc.)
   f. Intermediate pipeline route(if applicable)
   g. Access road entrance onto the well pad
   h. Attachment showing cross-sections of cut and fill areas (Grading Plan).
   i. Irrigation ditches, streams, and rivers within 100' of the proposed facility.

5. **Site Best Management Practices (BMP) Narrative and Map (LPLUC 90-41):**
   a. Please provide a Site BMP Narrative as an attachment to this permit, explaining the interim reclamation, drainage structural features, and visual mitigation that will occur onsite.
      i. Please include:
         Visual Mitigation and Revegetation
         1. Artificial lift equipment type (PC pumps, Beam lifts, Linear Rod pumps, etc.)
         2. Equipment painting
         3. Any additional visual mitigation techniques (berms, vegetation, etc.)
         4. A seed mixture, and seeding rates if available
         5. Seeding method and mulching (if applicable) to be conducted
         6. Explain when the re-seeding will most likely occur
         7. Explain the type of weed control to be used onsite or attach weed management plan that has been filed with the County Extension Office.

         Drainage management
         8. The types of structural drainage features, if any, to be used around the location to prevent offsite impacts from erosion/flow. Please differentiate construction and permanent features.

   b. Please provide a Site BMP Map that corresponds with the information provided in the narrative (listed above).
      i. Please include:
         1. Identify the location of the re-seeding on the Site BMP map
         2. Identify the direction of drainage on the site plan of the runoff offsite and onsite, using arrows to show the direction of drainage. Display topographic lines if possible.
         3. Identify the location(s) of the drainage features
         4. Indentify the location(s) of any visual mitigation techniques

   c. If a narrative and map have already been created for the COGCC that are sufficient to meet the revegetation and/or drainage requirements of this plan, they may be submitted.

6. **Attach at least four color photographs shot from the center of the well site facing north, east, south, and west (LPLUC 90-41).**

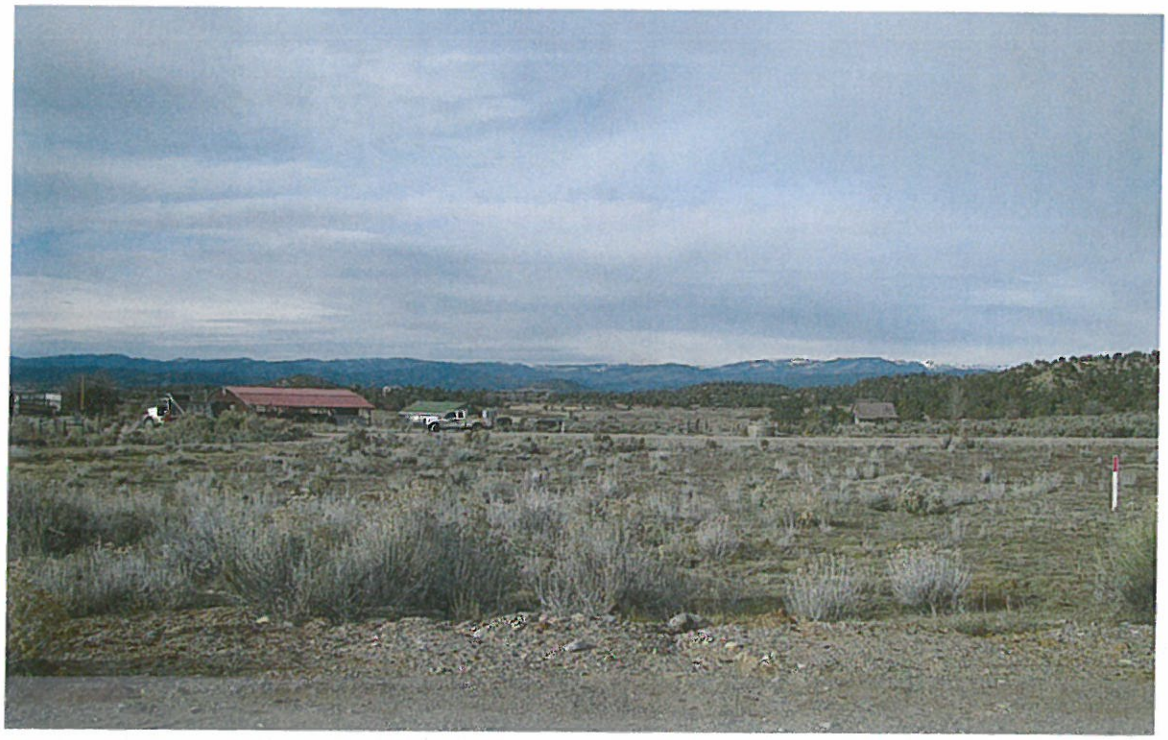
Section III: Supplemental Attachments (If Applicable)

1. **If the proposed facility is a production well and is being proposed as a Special Exception (90-125) attach the following information:**
    a. Narrative providing description of:
        i. Obstacles to expanding existing pad(s)
        ii. Efforts to overcome noted obstacles
    b. Map showing:
        i. Topographic characteristics of site
        ii. Natural resources – such as wetlands
        iii. Locations of utilities
        iv. Limiting technical issues – such as geologic or topographic characteristics
        v. Limiting site conditions – such as irrigation, setback issues, structures
        vi. Safety issues
        vii. Any other issues outlined in 90-123(4)
2. **If available, please attach a well location plat.**

Section IV: Follow-up Items Required

1. Notification regarding equipment changes – email is sufficient. Staff will attach the information to the project file. If the equipment changes increase land use impacts, a permit modification will be required (LPC Code 90-44(b)).
2. Annual updates to Emergency Preparedness Plan (LPC Code 90-51).
3. If required by the County, provide a copy of written notification provided to surface owners regarding commencement of construction and drilling operations (LPC Code 90-77).
4. Applicant must send an AutoCad or equivalent GIS digital file of the Proposed Intermediate line to the Office of Emergency Management at pipeline@co.laplata.co.us . It is not necessary to include files of features other than existing and proposed pipelines.

BOONE 1



VIEWING NORTH

VIEWING SOUTH

BOONE 1

VIEWING EAST

VIEWING WEST

ACCESS ROAD MAINTENANCE
Boone 1

BP is the owner of certain rights in one or more oil and gas leases underlying the Boone 1 well and is the operator of this well. To the best of BP's knowledge and belief there is no subdivision entity or HOA that uses, or has authority over, the access road for the Boone 1 well. Negotiations are not necessary with landowners that do not have road maintenance agreements because BP bears 100% of the cost of maintaining the access road for its use to access the well and related facilities.