

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☒ OTHER _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refiling ☒

Sidetrack ☐

Document Number:

400073679

Plugging Bond Surety

20010158

3. Name of Operator: BP AMERICA PRODUCTION COMPANY

4. COGCC Operator Number: 10000

5. Address: 501 WESTLAKE PARK BLVD

City: HOUSTON State: TX Zip: 77079

6. Contact Name: Susan Folk Phone: (970)335-3828 Fax: (970)335-3837

Email: susan.folk@bp.com

7. Well Name: Barnes GU A Well Number: 4

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 3333

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 2 Twp: 33N Rng: 9W Meridian: N

Latitude: 37.132600 Longitude: -107.798540

Footage at Surface: 2548 FNL/FSL FSL 1738 FEL/FWL FWL

11. Field Name: Ignacio Blanco Field Number: 38300

12. Ground Elevation: 6354.2 13. County: LA PLATA

14. GPS Data:

Date of Measurement: 12/21/2009 PDOP Reading: 2.3 Instrument Operator's Name: Bill Mitchell

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1797 FSL 2409 FEL/FWL FWL Bottom Hole: FNL/FSL 1755 FSL 2466 FEL/FWL FWL
Sec: 2 Twp: 33N Rng: 9W Sec: 2 Twp: 33N Rng: 9W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 160 ft

18. Distance to nearest property line: 195 ft 19. Distance to nearest well permitted/completed in the same formation: 1197 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Fruitland Coal	FRLDC	112-180	320	S/2

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: _____

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☒ No

23b. If 23 is No ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):
N/2SW/4, SE/4SW/4, SE/4 Sec 2, T33N, R9W N.M.P.M plus additional acres

25. Distance to Nearest Mineral Lease Line: 834 ft 26. Total Acres in Lease: 3340

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Recycle/Reuse

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	20	430	285	430	0
1ST	7+7/8	5+1/2	15.5	3,333	227	3,333	0

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☒ Rotating Head ☐ None

33. Comments Well has moved to Exception Location per LGD request. Pad had not been constructed & drilling has not yet taken place on the site. SUA is still in effect. Waiver to the 30 day notice (Rule 305) & waiver to the consultation (Rule 306) in attached SUA. No conductor casing will be used. Rig height is 94' from ground to crown per SF. 7/21/10 plg.

34. Location ID: _____

35. Is this application in a Comprehensive Drilling Plan? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment? ☒ Yes ☐ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Susan Folk

Title: Land Permitting Coord Date: 7/29/2010 Email: susan.folk@bp.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: David S. Neslin Director of COGCC Date: 7/28/2010

API NUMBER

05 067 09739 00

Permit Number: _____ Expiration Date: 7/27/2012

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

Rig height must not exceed 106 feet to comply with Rule 603a

- 1) Provide 48 hour notice of spud to COGCC field inspector Leslie Melton (970) 375-6419 or les.melton@state.co.us
- 2) Provide cement coverage of production casing from TD to surface. Verify cement coverage with Cement Bond Log.
- 3) Run and submit Directional Survey from TD to kick-off point
- 4) The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the well bore complies with setback requirements in Commission orders and/or rules prior to producing the well.
- 5) Sample and test two closest water wells within 1/4 mile swath of the directional wellbore intercepting Fruitland Coal (includes pathway from top to bottom of pay).
- 6) Operators are required to obtain a bottom hole pressure utilizing a bottom hole gauge after a minimum 48 hour shut-in period following completion and prior to sales
- 7) Comply with all applicable provisions of Order 112-180

Attachment Check List

Att Doc Num	Name	Doc Description
1857146	SELECTED ITEMS REPORT	LF@2513797 1857146
400073679	FORM 2 SUBMITTED	LF@2500934 400073679
400073695	OTHER	LF@2500935 400073695
400073696	DOW CONSULTATION	LF@2500936 400073696
400073697	WELL LOCATION PLAT	LF@2500937 400073697
400073698	TOPO MAP	LF@2500938 400073698
400073700	MINERAL LEASE MAP	LF@2500939 400073700
400073701	SURFACE AGRMT/SURETY	LF@2500940 400073701
400073702	DRILLING PLAN	LF@2500941 400073702
400073703	EXCEPTION LOC REQUEST	LF@2500942 400073703
400073704	EXCEPTION LOC WAIVERS	LF@2500943 400073704
400073709	LOCATION DRAWING	LF@2500944 400073709

Total Attach: 12 Files