

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:

2585682

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: MANKINS HOWARD GU Well Number: 4

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

9. Proposed Total Measured Depth: 2803

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 10 Twp: 34N Rng: 7W Meridian: N

Latitude: 37.231590 Longitude: -107.617570

Footage at Surface: 1665 FNL/FSL FNL 855 FEL/FWL FEL

11. Field Name: IGNACIO BLANCO Field Number: 38300

12. Ground Elevation: 6987.6 13. County: LA PLATA

14. GPS Data:

Date of Measurement: 10/23/2008 PDOP Reading: 1.8 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 1131 FNL 1736 FEL 910 FNL 2100 FEL
Sec: 10 Twp: 34N Rng: 7W Sec: 10 Twp: 34N Rng: 7W

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: 362 ft

18. Distance to nearest property line: 359 ft 19. Distance to nearest well permitted/completed in the same formation: 1435 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	112-214	320	N/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/2NW/4 AND W/2NE/4 SEC 10, T34N, R7W NMPM PLUS ADDITIONAL ACRES.

25. Distance to Nearest Mineral Lease Line: 416 ft 26. Total Acres in Lease: 400

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	460	353	460	0
1ST	7+7/8	5+1/2	15.5	2,803	173	2,803	0

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

33. Comments LOCATION CONSTRUCTED UNDER ORIGINAL APD. DRILLING HAS NOT YET TAKEN PLACE ON THE SITE. SURFACE LOCATION HAS MOVED MOVED 5' SOUTH FROM ORIGINAL APD LOCATION. SUA IS STILL VALID. WAIVER TO THE 30 DAY NOTICE (RULE 305) & WAIVER TO THE CONSULTATION (RULE 306) CAN BE FOUND IN THE SUA. NO CONDUCTOR CASING WILL BE USED.
"We have determined that the road 155' from the wellhead (Lariat Road) is a private road used for access by the landowner and also provides access to the well site. The nearest public road is CR 506 which is 950.5 feet from the wellhead. Attached are two drawings showing the distances from the wellhead. Rig height is 94' ground to crown and 80' derrick floor to top of rig." Added per Susan Folk 4/21/10 plg.

34. Location ID: 306759

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: PERMITS Date: 2/23/2010 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 G. Nesline Director of COGCC Date: 4/21/2010

Permit Number: _____ Expiration Date: 4/20/2012

API NUMBER

05 067 09768 00

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.

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 112-214

Attachment Check List

Att Doc Num	Name	Doc Description
1693276	OTHER	LF@2455422 1693276
1693277	OTHER	LF@2455427 1693277
1857113	SELECTED ITEMS REPORT	LF@2438293 1857113
2585682	APD ORIGINAL	LF@2424302 2585682
2585683	WELL LOCATION PLAT	LF@2424303 2585683
2585684	MINERAL LEASE MAP	LF@2424304 2585684
2585685	SURFACE AGRMT/SURETY	LF@2424305 2585685
2585686	DEVIATED DRILLING PLAN	LF@2424306 2585686
400043532	FORM 2 SUBMITTED	LF@2430579 400043532

Total Attach: 9 Files