

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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| DE | ET | OE | ES |
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Document Number:

400086992

Plugging Bond Surety

20080034

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 ☐

3. Name of Operator: BAYSWATER EXPLORATION AND PRODUCTION LLC

4. COGCC Operator Number: 10261

5. Address: 730 17TH ST STE 610

City: DENVER State: CO Zip: 80202

6. Contact Name: Virginia Lopez Phone: (303)928-7128 Fax: (303)423-8765

Email: virginia@petro-fs.com

7. Well Name: Walker-Shands Well Number: 6-18

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 7588

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 18 Twp: 6N Rng: 66W Meridian: 6

Latitude: 40.492247 Longitude: -104.823843

Footage at Surface: 854 FNL/FSL 2371 FEL/FWL FWL

11. Field Name: Bracewell Field Number: 7487

12. Ground Elevation: 4852 13. County: WELD

14. GPS Data:

Date of Measurement: 06/16/2010 PDOP Reading: 6.0 Instrument Operator's Name: Chris Pearson

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

Footage at Top of Prod Zone: FNL/FSL 1866 FNL 2057 FWL FWL Bottom Hole: FNL/FSL 1866 FNL 2057 FWL FWL  
Sec: 18 Twp: 6N Rng: 66W Sec: 18 Twp: 6N Rng: 66W

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: 814 ft

18. Distance to nearest property line: 532 ft 19. Distance to nearest well permitted/completed in the same formation: 780 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Niobrara-Codell        | NB-CD          | 381-5                   | 80                            | E/2 NW/4                             |

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 Bon ☐ \$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):  
Township 6 North, Range 66West, 6th PM, Section 18:NW/4

25. Distance to Nearest Mineral Lease Line: 846 ft 26. Total Acres in Lease: 160

### 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: \_\_\_\_\_

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          | 24              | 679           | 306          | 679           | 0          |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,589         | 333          | 7,589         | 6,710      |

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

33. Comments No conductor casing will be used.

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: Virginia Lopez

Title: Regulatory Technician Date: 8/30/2010 Email: virginia@petro-fs.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: 9/26/2010

#### API NUMBER

05 123 32265 00

Permit Number: \_\_\_\_\_ Expiration Date: 9/25/2012

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.

- 1) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

| Att Doc Num | Name                   | Doc Description      |
|-------------|------------------------|----------------------|
| 400086992   | FORM 2 SUBMITTED       | LF@2533331 400086992 |
| 400087043   | PLAT                   | LF@2533332 400087043 |
| 400087044   | TOPO MAP               | LF@2533333 400087044 |
| 400087045   | 30 DAY NOTICE LETTER   | LF@2533334 400087045 |
| 400087046   | DEVIATED DRILLING PLAN | LF@2533335 400087046 |

Total Attach: 5 Files

### **General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>  | <b><u>Comment Date</u></b> |
|--------------------------|--|----------------------------|
| Permit                   | Per Virginia Lopez, change top of producing zone from (854 FNL 2371 FWL) to (1866 FNL 2057 FWL), change distance to nearest well permitted/completed in same formation from 1400' to 780', change distance to nearest mineral lease line from 532' to 846', and enter 381-5 for NB-CD Spacing Order. PVG | 9/24/2010<br>2:42:49 PM    |

Total: 1 comment(s)

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