

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:

400071757

Plugging Bond Surety

20090043

3. Name of Operator: SYNERGY RESOURCES CORPORATION4. COGCC Operator Number: 103115. Address: 20203 HIGHWAY 60City: PLATTEVILLE State: CO Zip: 806516. Contact Name: Rhonda Sandquist Phone: (970)737-1073 Fax: (970)737-1045Email: pm3rsandquist@aol.com7. Well Name: RBF Well Number: 23-15D

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

9. Proposed Total Measured Depth: 7675

## WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 15 Twp: 6N Rng: 67W Meridian: 6Latitude: 40.482789 Longitude: -104.884154
 Footage at Surface: 1145 FNL/FSL FSL 1356 FEL/FWL FWL
11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 4781 13. County: WELD

## 14. GPS Data:

Date of Measurement: 04/16/2010 PDOP Reading: 1.0 Instrument Operator's Name: John C. Barickman15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 1977 FSL FSL 1957 FWL FWL Bottom Hole: FNL/FSL 1977 FSL FSL 1957 FWL FWL  
 Sec: 15 Twp: 6N Rng: 67W Sec: 15 Twp: 6N Rng: 67W
16. Is location in a high density area? (Rule 603b)? ☒ Yes ☐ No17. Distance to the nearest building, public road, above ground utility or railroad: 312 ft18. Distance to nearest property line: 175 ft 19. Distance to nearest well permitted/completed in the same formation: 3355 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	407-87	80	N/2SW/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 67 West, 6th P.M. Section 15 - See attached leases ----- N/2SE/4 will be a farmout agreement from Noble Energy Inc.

25. Distance to Nearest Mineral Lease Line: 175 ft 26. Total Acres in Lease: 69

### 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	400	300	400	0
1ST	7+7/8	4+1/2	11.6	7,675	300	7,675	

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

33. Comments No Conductive Surface 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: Craig Rasmuson

Title: Mgr. of Land & Field Ops. Date: \_\_\_\_\_ Email: craigrasmuson@comcast.net

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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

<b>API NUMBER</b>  05	Permit Number: _____ Expiration Date: _____
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**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.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400078810	ACCESS ROAD MAP	Baseline-RBF 23-15D Access Road Map.pdf
400078815	WELL LOCATION PLAT	Baseline-RBF 23-15D Well Location Plat.pdf
400078818	OIL & GAS LEASE	RBF O & G Lease #1.pdf
400078819	OIL & GAS LEASE	RBF O & G Lease #2.pdf
400078820	MULTI-WELL PLAN	Baseline-RBF Multiple Well Pad Plan.pdf
400078822	DEVIATED DRILLING PLAN	Ensign-RBF 23-15D Directional Plan.pdf

Total Attach: 6 Files