

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:

400131419

Plugging Bond Surety

20090043

3. Name of Operator: SYNERGY RESOURCES CORPORATION

4. COGCC Operator Number: 10311

5. Address: 20203 HIGHWAY 60

City: PLATTEVILLE State: CO Zip: 80651

6. Contact Name: Rhonda Sandquist Phone: (970)737-1073 Fax: (970)737-1045
Email: rsandquist@syrginfo.com

7. Well Name: SRC Pratt Well Number: 24-2D

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

9. Proposed Total Measured Depth: 8174

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 2 Twp: 4N Rng: 68W Meridian: 6

Latitude: 40.339848 Longitude: -104.975018

Footage at Surface: 1572 feet FNL/FSL FSL 1335 feet FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5003 13. County: WELD

14. GPS Data:

Date of Measurement: 01/06/2011 PDOP Reading: 2.3 Instrument Operator's Name: Mark A. Hall

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

Footage at Top of Prod Zone: FNL/FSL 660 FSL 1955 FEL/FWL FWL Bottom Hole: FNL/FSL 660 FSL 1955 FEL/FWL FWL
Sec: 2 Twp: 4N Rng: 68W Sec: 2 Twp: 4N Rng: 68W

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: 1174 ft

18. Distance to nearest property line: 530 ft 19. Distance to nearest well permitted/completed in the same formation: 4375 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.)
J Sand	JSND	232-23	320	SW/4 Sec. 2
Niobrara/Codell	NB-CD	407-87	80	E/2 SW/4 Sec. 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):
SW/4 Section 2, T4N, R68W

25. Distance to Nearest Mineral Lease Line: _____ 660 ft 26. Total Acres in Lease: _____ 149

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☐ No

31. Mud disposal: ☒ Offsite ☐ Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	550	350	550	0
1ST	7+7/8	4+1/2	11.6	0	8,174	410	8,174	200

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: crasmuson@syrinfo.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: _____ Director of COGCC Date: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

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Attachment Check List

Att Doc Num	Name
400132202	WELL LOCATION PLAT
400132203	OIL & GAS LEASE
400132205	MULTI-WELL PLAN
400132213	ACCESS ROAD MAP
400132218	NRCS MAP UNIT DESC
400132219	NRCS MAP UNIT DESC
400132260	SURFACE OWNER CONSENT
400134200	DEVIATED DRILLING PLAN

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

BMP

Type	Comment

Total: 0 comment(s)