

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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Document Number:
400051041
Plugging Bond Surety
20090043

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: 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: pm3rsandquist@aol.com

7. Well Name: SRC M&T Farms Well Number: 10TD

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

9. Proposed Total Measured Depth: 7320

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 10 Twp: 6N Rng: 65W Meridian: 6

Latitude: 40.495218 Longitude: -104.647016

Footage at Surface: 595 FSL 1938 FEL
FNL/FSL FEL/FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4746 13. County: WELD

14. GPS Data:

Date of Measurement: 01/19/2010 PDOP Reading: 1.6 Instrument Operator's Name: John C. Barickman

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

Footage at Top of Prod Zone: 50 FSL 1327 FEL 50 FSL 1327 FEL
FNL/FSL FEL/FWL FNL/FSL FEL/FWL
 Sec: 10 Twp: 6N Rng: 65W Sec: 10 Twp: 6N Rng: 65W

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: 535 ft

18. Distance to nearest property line: 356 ft 19. Distance to nearest well permitted/completed in the same formation: 880 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	GWA

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#: 20090044

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):
SE/4 - Sec. 10, T6N, R65W

25. Distance to Nearest Mineral Lease Line: 50 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	520	300	520	0
1ST	7+7/8	4+1/2	11.6	7,320	220	7,320	200

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

33. Comments No Conductive Surface Casing Will Be Used PROPOSED GWA SPACING UNIT: SEC 10: S2SE & SEC 15: N2NE

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. Land & Field Ops. Date: 4/22/2010 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: David S. Noshin Director of COGCC Date: 5/20/2010

API NUMBER
05 123 31653 00

Permit Number: _____ Expiration Date: 5/19/2012

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. 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
2553488	SURFACE CASING CHECK	LF@2472206 2553488
2621492	PROPOSED SPACING UNIT	LF@2479291 2621492
2621493	PROPOSED SPACING UNIT	LF@2479331 2621493
2621494	PROPOSED SPACING UNIT	LF@2479332 2621494
400051041	FORM 2 SUBMITTED	LF@2457012 400051041
400057408	MULTI-WELL PLAN	LF@2457013 400057408
400057410	SURFACE OWNER CONSENT	LF@2457014 400057410
400057411	ACCESS ROAD MAP	LF@2457015 400057411
400057412	OIL & GAS LEASE	LF@2457016 400057412
400057415	WELL LOCATION PLAT	LF@2457017 400057415
400057417	DEVIATED DRILLING PLAN	LF@2457018 400057417

Total Attach: 11 Files