

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

Refilling   
Sidetrack

Document Number:  
400125769  
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@syrqinfo.com

7. Well Name: SRC Pratt Well Number: 13-29D

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

9. Proposed Total Measured Depth: 8160

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 29 Twp: 1N Rng: 68W Meridian: 6  
Latitude: 40.017779 Longitude: -105.032955

Footage at Surface: 1100 feet FNL/FSL FSL 1103 feet FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5142 13. County: WELD

14. GPS Data:

Date of Measurement: 01/23/2011 PDOP Reading: 1.2 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 1981 FSL 657 FWL FWL Bottom Hole: FNL/FSL 1981 FSL 657 FWL FWL  
Sec: 29 Twp: 1N Rng: 68W Sec: 29 Twp: 1N 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: 1221 ft

18. Distance to nearest property line: 41 ft 19. Distance to nearest well permitted/completed in the same formation: 1980 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	W/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):  
S/2 & NE/4 Section 29, T1N, R68W

25. Distance to Nearest Mineral Lease Line: 1100 ft 26. Total Acres in Lease: 480

### 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	900	430	900	0
1ST	7+7/8	4+1/2	11.6	0	8,160	550	8,160	0

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

33. Comments No Conductive Surface Casing Will Be Used. Synergy Resources Corporation requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line.

34. Location ID: 318975

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: 1/23/2011 Email: crasmuson@syrginfo.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: 2/17/2011

<b>API NUMBER</b> 05 123 32981 00	Permit Number: _____	Expiration Date: <u>2/16/2013</u>
<b>CONDITIONS OF APPROVAL, IF ANY:</b>		

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 Jim Precup at 303-469-1902 or e-mail at james.precup@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
400125769	FORM 2 SUBMITTED
400126676	SURFACE AGRMT/SURETY
400126680	NRCS MAP UNIT DESC
400126681	NRCS MAP UNIT DESC
400126682	ACCESS ROAD MAP
400126683	EXCEPTION LOC WAIVERS
400126684	EXCEPTION LOC REQUEST
400126685	30 DAY NOTICE LETTER
400126689	MULTI-WELL PLAN
400126690	OIL & GAS LEASE
400126691	WELL LOCATION PLAT
400126693	DEVIATED DRILLING PLAN

Total Attach: 12 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)