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Document Number:  
400172317

Plugging Bond Surety

**APPLICATION FOR PERMIT TO:**

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

2. TYPE OF WELL  
 OIL  GAS  COALBED  OTHER \_\_\_\_\_  
 SINGLE ZONE  MULTIPLE  COMMINGLE

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: rsandquist@syrginfo.com  
 7. Well Name: Margil Well Number: 12-34D  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 7926

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNW Sec: 34 Twp: 4N Rng: 68W Meridian: 6  
 Latitude: 40.271616 Longitude: -104.996310  
 Footage at Surface: 1323 feet FNL 1230 feet FWL  
 11. Field Name: Wattenberg Field Number: 90750  
 12. Ground Elevation: 5105 13. County: WELD

14. GPS Data:  
 Date of Measurement: 04/22/2011 PDOP Reading: 0.7 Instrument Operator's Name: Joseph W. Stice III

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
 Footage at Top of Prod Zone: 1323 FNL 1230 FWL Bottom Hole: 1981 FNL 661 FWL  
 Sec: 34 Twp: 4N Rng: 68W Sec: 34 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: 1221 ft  
 18. Distance to nearest property line: 1230 ft 19. Distance to nearest well permitted/completed in the same formation: 940 ft

**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	W2
Niobrara/Codell	NB-CD	407-87	80	S2NW4

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):

25. Distance to Nearest Mineral Lease Line: 661 ft 26. Total Acres in Lease: 640

### 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	650	400	650	0
1ST	7+7/8	4+1/2	10.5#	650	7,926	525	7,926	200

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

33. Comments No conductive surface casing will be used

34. Location ID: 407581

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@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: \_\_\_\_\_ 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.

### Attachment Check List

Att Doc Num	Name
400172479	OIL & GAS LEASE
400172480	MULTI-WELL PLAN
400172481	OTHER
400172486	ACCESS ROAD MAP
400172487	DRILLING PLAN
400172489	HYDROLOGY MAP
400172490	LOCATION DRAWING
400172492	LOCATION PICTURES
400172493	WELL LOCATION PLAT

Total Attach: 9 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)