

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:

400114871

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: rsandquist@syrqinfo.com
7. Well Name: SRC Pratt Well Number: 33-29D
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 7821

WELL LOCATION INFORMATION

10. Qtr/Qtr: SESE Sec: 29 Twp: 1N Rng: 68W Meridian: 6
 Latitude: 40.017536 Longitude: -105.022502
 Footage at Surface: 1018 feet FSL 1220 feet FEL
 11. Field Name: Wattenberg Field Number: 90750
 12. Ground Elevation: 5179 13. County: WELD

14. GPS Data:
- Date of Measurement: 12/08/2010 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:				Bottom Hole:			
FNL/FSL		FEL/FWL		FNL/FSL		FEL/FWL	
1988	FSL	1970	FEL	1988	FSL	1970	FEL
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: 1018 ft
18. Distance to nearest property line: 1018 ft 19. Distance to nearest well permitted/completed in the same formation: 1251 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/2 SE/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 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):
S/2 & NE/4S/2 & NE/4 Sec.29, T1N, R68W, 6th PM

25. Distance to Nearest Mineral Lease Line: 1018 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 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	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	7,821	550	7,821	200

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

33. Comments No conductor casing will be utilized.

34. Location ID: 319203

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: 12/16/2010 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: David S. Neslin Director of COGCC Date: 1/21/2011

API NUMBER

05 123 32862 00

Permit Number: _____ Expiration Date: 1/20/2013

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 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. 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
400114871	FORM 2 SUBMITTED
400116045	MULTI-WELL PLAN
400116046	ACCESS ROAD MAP
400116258	OIL & GAS LEASE
400116459	SURFACE OWNER CONSENT
400117259	DEVIATED DRILLING PLAN
400117391	WELL LOCATION PLAT

Total Attach: 7 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)