

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

Document Number:
 400182642
 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: Kori Thoren Phone: (970)737-1073 Fax: (970)737-1045
 Email: kthoren@syrginfo.com

7. Well Name: SRC Leffler Well Number: 13-26D

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

9. Proposed Total Measured Depth: 7581

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 26 Twp: 7N Rng: 66W Meridian: 6
 Latitude: 40.542782 Longitude: -104.750552

Footage at Surface: 1446 feet FSL 1013 feet FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4870 13. County: WELD

14. GPS Data:

Date of Measurement: 04/07/2011 PDOP Reading: 1.6 Instrument Operator's Name: Mark Hall

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

Footage at Top of Prod Zone: FNL/FSL _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____
1989 FSL 663 FWL 1989 FSL 663 FWL
 Sec: 26 Twp: 7N Rng: 66W Sec: 26 Twp: 7N Rng: 66W

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: 39 ft

18. Distance to nearest property line: 120 ft 19. Distance to nearest well permitted/completed in the same formation: 900 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	160	SW/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):

NWSW Sec. 26, T7N - R66W

25. Distance to Nearest Mineral Lease Line: 120 ft

26. Total Acres in Lease: 320

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	400	290	400	0
1ST	7+7/8	4+1/2	11.6	0	7,580	350	7,580	0

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

33. Comments No conductive surface casing will be used. Building E, F, G & H and corresponding overhead electrical power will be removed as drilling location is built. Surface/mineral owner approves the removal of the "old" storage farm out buildings as part of the oil and gas exploration for this 160 acre unit.

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@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
400182672	MULTI-WELL PLAN
400182674	WELL LOCATION PLAT
400182676	DEVIATED DRILLING PLAN
400182679	OIL & GAS LEASE

Total Attach: 4 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)