

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

STATE OF COLORADO  
OIL & GAS

DEETOEES

Document Number:  
  
400060676  
  
Plugging Bond Surety  
  
20090043

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 CORPORATION4. COGCC Operator Number: 10311

5. Address: 20203 HIGHWAY 60  
City: PLATTEVILLEState: COZip: 80651

6. Contact Name: Rhonda SandquistPhone: (970)737-1073Fax: (970)737-1045  
Email: pm3rsandquist@aol.com

7. Well Name: SRC PrattWell Number: 29XD

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

9. Proposed Total Measured Depth: 8450

WELL LOCATION INFORMATION

10. QtrQtr: SESESec: 29Twp: 1NRng: 68WMeridian: 6  
Latitude: 40.017359Longitude: -105.055113  
Footage at Surface: 954FSL1111FEL  
11. Field Name: WattenbergField Number: 90750

12. Ground Elevation: 517913. County: WELD

14. GPS Data:  
Date of Measurement: 03/04/2010PDOP Reading: 2.3Instrument Operator's Name: John C. Barickman

15. If well is ☒ Directional☐ Horizontal (highly deviated)submit deviated drilling plan.  
Footage at Top of Prod Zone: FNL/FSLFEL/FWLBottom Hole: FNL/FSLFEL/FWL  
1329FSL50FEL1329FSL50FEL  
Sec: 29Twp: 1NRng: 68WSec: 29Twp: 1NRng: 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: 1050 ft

18. Distance to nearest property line: 954 ft19. Distance to nearest well permitted/completed in the same formation: 2520 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.)
J-Sand	JSND	232-23	320	SE/4 S-29&SW/4 S-28
Niobrara/Codell	NB-CD	407-87	80	E/2SE/4,S29,T1N,R68W

State of Colorado  
Oil and Gas Conservation Commission



DE	ET	OE	ES
----	----	----	----

Document Number:

## Plugging Bond Surety

**APPLICATION FOR PERMIT TO:**

## 2. TYPE OF WELL

## Refiling

3. Name of Operator: SYNERGY RESOURCES CORPORATION 4. COGCC Operator Number: 10311

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 Pratt Well Number: 29XD

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

9. Proposed Total Measured Depth: 8450

## WELL LOCATION INFORMATION

Latitude: 40.017359 Longitude: -105.055113

FNL/FSL                      FEL/FWL

Footage at Surface:	954	FSL	1111	FEL
---------------------	-----	-----	------	-----

11. Field Name: Wattenberg                      Field Number: 90750

12. Ground Elevation: 5179 13. County: WELD

#### 14. GPS Data:

Date of Measurement: 03/04/2010 PDOP Reading: 2.3 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: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL

1329	FSL	50	FEL	1329	FSL	50	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: 1050 ft

18. Distance to nearest property line: 954 ft 19. Distance to nearest well permitted/completed in the same formation: 2520 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.)
J-Sand	JSND	232-23	320	SE/4 S-29&SW/4 S-28
Niobrara/Codell	NB-CD	407-87	80	E/2SE/4,S29,T1N,R68W

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):  
S/2 & NE/4 Section 29, T1N, R68W

25. Distance to Nearest Mineral Lease Line: 954 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	900	430	900	0
1ST	7+7/8	4+1/2	11.6	8,450	550	8,450	200

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

33. Comments No Conductive Surface Casing Will Be Used.

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: 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: \_\_\_\_\_ 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	Doc Description
400066146	ACCESS ROAD MAP	Baseline-SRC Pratt 29XD Access Road Map.pdf
400066149	SURFACE OWNER CONSENT	SRC Pratt 29XD-Surface Owner Notification-Consultation Waiver.pdf
400066150	MULTI-WELL PLAN	Baseline-SRC Pratt Multiple Well Pad Plan.pdf
400066152	OIL & GAS LEASE	SRC Pratt Wells O&G Lease.pdf
400066161	WELL LOCATION PLAT	Baseline-SRC Pratt 29XD Well Location Plat.pdf
400066164	DEVIATED DRILLING PLAN	Ensign-SynergyPratt29XDPlan#15-7-10.pdf
400066172	PROPOSED SPACING UNIT	SRC Pratt 29XD-318A Proposed 160 Spacing Unit.pdf
400066173	PROPOSED SPACING UNIT	SRC Pratt 29XD-318A Proposed Spacing Unit Plan.pdf
400066177	OTHER	SRC Pratt 29XD-20 Day Certification Letter.pdf

Total Attach: 9 Files