

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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Document Number:

400060649

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: pm3rsandquist@aol.com

7. Well Name: SRC Pratt Well Number: 29TD

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

9. Proposed Total Measured Depth: 8450

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 29 Twp: 1N Rng: 68W Meridian: 6

Latitude: 40.017331 Longitude: -105.022051

Footage at Surface: 944 FNL/FSL FSL 1094 FEL/FWL 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 50 FSL 1311 FEL/FWL FEL Bottom Hole: FNL/FSL 50 FSL 1311 FEL/FWL 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: 1056 ft

18. Distance to nearest property line: 944 19. Distance to nearest well permitted/completed in the same formation: 2550 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&NE/4,S-32
Niobrara/Codell	NB-CD	407-87	80	S/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#: _____

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: 1000 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	7	550	7	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	Permit Number: _____	Expiration Date: _____
05	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
400065365	ACCESS ROAD MAP	Baseline-SRC Pratt 29TD Access Road Map.pdf
400065376	SURFACE OWNER CONSENT	SRC Pratt 29TD-Surface Owner Notification-Consultation Waiver.pdf
400065378	MULTI-WELL PLAN	Baseline-SRC Pratt Multiple Well Pad Plan.pdf
400065380	OIL & GAS LEASE	SRC Pratt Wells O&G Lease.pdf
400065389	WELL LOCATION PLAT	Baseline-SRC Pratt 29TD Well Location Plat.pdf
400065390	DEVIATED DRILLING PLAN	Ensign-SynergyPratt29TDPlan#15-7-10.pdf
400065392	PROPOSED SPACING UNIT	SRC Pratt 29TD-318A Proposed 160 Spacing Unit.pdf
400065393	PROPOSED SPACING UNIT	SRC Pratt 29TD-318A Proposed Spacing Unit Plan.pdf
400065403	OTHER	SRC Pratt 29TD-20 Day Certification Letter.pdf

Total Attach: 9 Files