

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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## 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 

Document Number:

400051027

Plugging Bond Surety

20090043

3. Name of Operator: SYNERGY RESOURCES CORPORATION 4. COGCC Operator Number: 103115. Address: 20203 HIGHWAY 60City: PLATTEVILLE State: CO Zip: 806516. Contact Name: Rhonda Sandquist Phone: (970)737-1073 Fax: (970)737-1045Email: pm3rsandquist@aol.com7. Well Name: SRC M&T Farms Well Number: 10XD

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

9. Proposed Total Measured Depth: 7320

## WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 10 Twp: 6N Rng: 65W Meridian: 6Latitude: 40.495287 Longitude: -104.647110Footage at Surface: 620 FNL/FSL FSL 1964 FEL/FWL FEL11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 4746 13. County: WELD

## 14. GPS Data:

Date of Measurement: 01/19/2010 PDOP Reading: 1.6 Instrument Operator's Name: John C. Barickman15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 1353 FSL 50 FEL FEL Bottom Hole: FNL/FSL 1353 FSL 50 FEL FEL  
 Sec: 10 Twp: 6N Rng: 65W Sec: 10 Twp: 6N Rng: 65W
16. Is location in a high density area? (Rule 603b)?  Yes  No17. Distance to the nearest building, public road, above ground utility or railroad: 530 ft18. Distance to nearest property line: 361 ft 19. Distance to nearest well permitted/completed in the same formation: 1825 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	E/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#: 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):  
SE/4 - Sec 10, T6N, R65W

25. Distance to Nearest Mineral Lease Line: 645 ft 26. Total Acres in Lease: 160

### 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	520	300	520	0
1ST	7+7/8	4+1/2	11.6	7,320	220	7,320	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: \_\_\_\_\_

<b>API NUMBER</b>	Permit Number: _____	Expiration Date: _____
05	<b>CONDITIONS OF APPROVAL, IF ANY:</b>	

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
400057335	MULTI-WELL PLAN	M & T Farms-Multiple Well Pad Drawing.pdf
400057336	SURFACE OWNER CONSENT	SRC M&T Farms 10XD-Surface Owner Notification-Consultation Waiver.pdf
400057337	ACCESS ROAD MAP	Baseline Access Road Map-M & T Farms 10XD.pdf
400057338	OIL & GAS LEASE	M & T Farms O & G Lease.pdf
400057340	WELL LOCATION PLAT	M & T Farms 10XD-Well Location Survey.pdf
400057341	PROPOSED SPACING UNIT	318A Proposed Spacing Unit Plan M & T Farms 10XD.pdf
400057355	PROPOSED SPACING UNIT	SRC M&T Farms 10XD-.Proposed 160 Acre Spacing Unit Map.pdf
400057356	DEVIATED DRILLING PLAN	Ensign-SynergyM&TFarms10XDPlan#13-3-10.pdf

Total Attach: 8 Files