


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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
APPLICATION FOR PERMIT TO:			Document Number: <div style="text-align: center;">400138418</div> Plugging Bond Surety <div style="text-align: center;">20090043</div>				
1. <input checked="" type="checkbox"/> Drill, <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>SYNERGY RESOURCES CORPORATION</u> 4. COGCC Operator Number: <u>10311</u>							
5. Address: <u>20203 HIGHWAY 60</u> City: <u>PLATTEVILLE</u> State: <u>CO</u> Zip: <u>80651</u>							
6. Contact Name: <u>Rhonda Sandquist</u> Phone: <u>(970)737-1073</u> Fax: <u>(970)737-1045</u> Email: <u>rsandquist@syrinfo.com</u>							
7. Well Name: <u>SRC Pratt</u> Well Number: <u>41-29D</u>							
8. Unit Name (if appl): _____ Unit Number: _____							
9. Proposed Total Measured Depth: <u>8269</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SENE</u> Sec: <u>29</u> Twp: <u>1N</u> Rng: <u>68W</u> Meridian: <u>6</u> Latitude: <u>40.024960</u> Longitude: <u>-105.022025</u>							
Footage at Surface: <u>1586</u> feet FNL/FSL <u>FNL</u> 1060 feet FEL/FWL <u>FEL</u>							
11. Field Name: <u>Wattenberg</u> Field Number: <u>90750</u>							
12. Ground Elevation: <u>5216</u> 13. County: <u>WELD</u>							
14. GPS Data: Date of Measurement: <u>12/22/2010</u> PDOP Reading: <u>2.2</u> Instrument Operator's Name: <u>Mark Hall</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL <div style="display: flex; justify-content: space-around;"> <div> <u>664</u> FNL <u>658</u> FEL </div> <div> <u>664</u> FNL <u>658</u> FEL </div> </div> Sec: <u>29</u> Twp: <u>1N</u> Rng: <u>68W</u> Sec: <u>29</u> Twp: <u>1N</u> Rng: <u>68W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>1060 ft</u>							
18. Distance to nearest property line: <u>255 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>1550 ft</u>							
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 NE/4			

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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 and NE/4S/2 and NE/4 sec. 29, T1N, R68W

25. Distance to Nearest Mineral Lease Line: _____ 658 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 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	910	430	910	0
1ST	7+7/8	4+1/2	11.6	0	8,269	550	8,269	200

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

33. Comments No conductive surface casing will be used.

34. Location ID: 319098

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: Mrg. of Land & Field Ops Date: 3/8/2011 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: 3/24/2011

API NUMBER

05 123 33205 00

Permit Number: _____ Expiration Date: 3/23/2013

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) Note surface casing setting depth change from 900' to 910'. Increase cement coverage accordingly and cement to surface. 2) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 4) 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
1693909	VARIANCE REQUEST
2537258	CONSULT NOTICE
2537260	EXCEPTION LOC WAIVERS
2537261	EXCEPTION LOC WAIVERS
400138418	FORM 2 SUBMITTED
400138891	ACCESS ROAD MAP
400138893	MULTI-WELL PLAN
400138896	WELL LOCATION PLAT
400139132	DEVIATED DRILLING PLAN
400139192	30 DAY NOTICE LETTER
400139271	OIL & GAS LEASE
400140594	NRCS MAP UNIT DESC
400140595	NRCS MAP UNIT DESC

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received Request for Variance letter. plg.	3/24/2011 9:56:35 AM
Permit	On HOLD: Request for Variance letter requires additional information. plg.	3/17/2011 10:59:50 AM

Total: 2 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)