

APPLICATION FOR PERMIT TO:

1. **Drill**, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER test well, CO2

SINGLE ZONE MULTIPLE COMMINGLE

Refiling Sidetrack

Document Number: 400205316
 PluggingBond SuretyID: 20110167

3. Name of Operator: SCHLUMBERGER CARBON SERVICES 4. COGCC Operator Number: 10382

5. Address: 1875 LAWRENCE ST., SUITE 500
 City: DENVER State: CO Zip: 80202

6. Contact Name: Wayne Rowe Phone: (303)297-9005 Fax: (303)297-9007
 Email: rowe5@slb.com

7. Well Name: RMCCS State Well Number: No. 1

8. Unit Name (if appl): N/A Unit Number: N/A

9. Proposed Total Measured Depth: 10000

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 34 Twp: 6N Rng: 91W Meridian: 6
 Latitude: 40.427476 Longitude: -107.589754

Footage at Surface: 210 feet FSL 2416 feet FEL

11. Field Name: NA Field Number: _____

12. Ground Elevation: 6832 13. County: MOFFAT

14. GPS Data:
 Date of Measurement: 07/16/2011 PDOP Reading: 1.4 Instrument Operator's Name: P.Epp

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 5000 ft

18. Distance to nearest property line: 220 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 15425 ft

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.)
Weber Sandstone	WEBR			

21. Mineral Ownership: Fee State Federal Indian Lease #: N/A

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):

This is a stratigraphic test well for CO2 sequestration, no oil or gas will be extracted or produced. No lease information is therefore required.

25. Distance to Nearest Mineral Lease Line: _____ 26. Total Acres in Lease: _____

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: pit

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
CONDUCTOR		20	94	0	100		100	
SURF	17+1/2	13+3/8	54.5	0	1,500	926	1,500	100
1ST	12+1/4	9+5/8	43.5	0	5,500	960	5,500	1,500
2ND	8+1/2			0	9,700	0		

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

33. Comments This APD is for a stratigraphic test well for CO2 sequestration. This is a Department of Energy funded project with the University of Utah, Colorado Geologic Survey & Tri-State partnering to conduct the work at the Trapper Mine, located on state surface. Attached is a letter from the state of Colorado Land Board as to surface use. No oil or gas will be extracted or produced. No lease information is therefore required. A Form 15 pit permit is being submitted concurrently with this location assessment.

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: Wayne Rowe

Title: Project Manager Date: _____ Email: rowe5@slb.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

<u>Att Doc Num</u>	<u>Name</u>
400205326	WELL LOCATION PLAT
400205328	TOPO MAP
400205372	SURFACE OWNER CONSENT

Total Attach: 3 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>
Material Handling and Spill Prevention	Secondary containments will be constructed in accordance with COGCC E&P Waste Management Rules 906.e.(1). Good housekeeping measures will be implemented for appropriate waste disposal.
Storm Water/Erosion Control	Stormwater BMPs will be developed and implemented consistent with COGCC Reclamation Rules 1002.f.(2) and as required by the Colorado Department of Public Health. The project will occur in an unreclaimed pit that has not been revegetated. BMPs will include but are not limited to secondary containment berms and wattles.
Wildlife	Schlumberger has been in contact with the Colorado Division of Parks and Wildlife and is consulting with them as to appropriate BMPs for this location and project.

Total: 3 comment(s)