

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400320034

Date Received:

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☒

Refiling ☐

Sidetrack ☐

PluggingBond SuretyID

20110169

3. Name of Operator: SOVEREIGN OPERATING COMPANY LLC

4. COGCC Operator Number: 10383

5. Address: 621 17TH STREET #950

City: DENVER State: CO Zip: 80293

6. Contact Name: STEPHANIE CLASEN Phone: (303)297-0347 Fax: (303)297-9075

Email: SOVEREIGNENERGY@AOL.COM

7. Well Name: NORDSTROM Well Number: 34-4

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

9. Proposed Total Measured Depth: 8796

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 4 Twp: 1S Rng: 68W Meridian: 6

Latitude: 39.991130 Longitude: -105.005010

Footage at Surface: 1621 feet FNL/FSL 2178 feet FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5235 13. County: BROOMFIELD

14. GPS Data:

Date of Measurement: 03/21/2012 PDOP Reading: 1.9 Instrument Operator's Name: MARC WOODARD

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 652 FSL 1956 FEL FEL Bottom Hole: FNL/FSL 652 FSL 1956 FEL FEL
Sec: 4 Twp: 1S Rng: 68W Sec: 4 Twp: 1S 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: 1621 ft

18. Distance to nearest property line: 223 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 995 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	467-8	320	S/2
NIOBRARA-CODELL	NB-CD	467-8	160	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#: _____

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):

SE/4 SECTION 4, T1S, R68W

25. Distance to Nearest Mineral Lease Line: 652 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 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	1,110	550	1,100	0
1ST	7+7/8	4+1/2	11.6	0	8,796	525	8,796	7,580

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

33. Comments CONDUCTOR CASING IS NOT APPLICABLE

34. Location ID: 321510

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: STEPHANIE CLASEN

Title: OFFICE MANAGER Date: _____ Email: SOVEREIGNENERGY@AOL.

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
400320089	SURFACE AGRMT/SURETY
400320092	30 DAY NOTICE LETTER
400320094	PLAT
400320095	DEVIATED DRILLING PLAN
400320096	DIRECTIONAL DATA

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

BMP

Type	Comment

Total: 0 comment(s)