

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:

400327651

Date Received:

09/17/2012

PluggingBond SuretyID

20110169

## 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

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: MEMORIAL Well Number: 32-3

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

9. Proposed Total Measured Depth: 8680

## WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 3 Twp: 1S Rng: 68W Meridian: 6

Latitude: 39.994230 Longitude: -104.987680

Footage at Surface: 2217 feet FNL 2648 feet FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5193 13. County: BROOMFIELD

### 14. GPS Data:

Date of Measurement: 03/30/2012 PDOP Reading: 2.6 Instrument Operator's Name: MARC WOODARD

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

Footage at Top of Prod Zone: 1758 FNL 2002 FEL 1758 FNL 2002 FEL  
Sec: 3 Twp: 1S Rng: 68W Sec: 3 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: 660 ft

18. Distance to nearest property line: 20 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 797 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	160	NE/4
NIOBRARA-CODELL	NB-CD	467-8	80	W/2NE/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):

SECTION 3, T1S, R68W: NW & NE, PARTIAL, AS DESCRIBED IN TWO SPECIAL WARRANTY DEEDS RECORDED AT REC. #796809 & 796794 & QUIT CLAIM DEEDS RECORDED AT REC. #796810 & 796795; A 30.0 FOOT STRIP OF LAND ALONG THE WEST SIDE OF THE SW, AS DESCRIBED IN WARRANTY DEEDS IN BOOK 2853 AT PAGE 951 & IN BOOK 2975 AT PAGE 588.

25. Distance to Nearest Mineral Lease Line: 668 ft 26. Total Acres in Lease: 224

### 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	1,100	550	1,100	0
1ST	7+7/8	4+1/2	11.6	0	8,680	525	8,680	7,450

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

33. Comments CONDUCTOR CASING IS NOT APPLICABLE

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: STEPHANIE CLASEN

Title: OFFICE MANAGER Date: 9/17/2012 Email: SOVEREIGNENERGY@AOL.C

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 10/12/2012

**API NUMBER**  
05 014 20742 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/11/2014

**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) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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.

Operator must meet water well testing requirements per Rule 318A.

### **Attachment Check List**

Att Doc Num	Name
1695225	EXCEPTION LOC REQUEST
400327651	FORM 2 SUBMITTED
400327683	SURFACE AGRMT/SURETY
400327685	30 DAY NOTICE LETTER
400327686	WELL LOCATION PLAT
400327689	DEVIATED DRILLING PLAN
400327697	DIRECTIONAL DATA

Total Attach: 7 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final Review Completed. No LGD or public comment received.	10/10/2012 11:28:45 AM
Permit	EXCEPTION LOC REQUEST letter received and attached. ok to pass.	9/28/2012 2:57:51 PM
Permit	changed distance to nearest property line from 16' to 20' per construction layout drawing. ON HOLD: Requested Exception location letter.	9/28/2012 11:48:39 AM
Permit	Property line is approx. five feet from reference location. Property line runs thru middle of pad. The owner is the same for both properties and any exception or location waivers are give by the Surface Use Agreement. (see paragraph 1.7) on the attached SUA. ok to pass.	9/20/2012 10:25:33 AM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)