

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



DE	ET	OE	ES
Document Number: 400161146			
PluggingBond SuretyID 20090055			

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: PETERSON ENERGY OPERATING INC 4. COGCC Operator Number: 68710  
5. Address: 2154 W EISENHOWER BLVD  
City: LOVELAND State: CO Zip: 80537  
6. Contact Name: CLAYTON DOKE Phone: (970)669-7411 Fax: (970)669-4077  
Email: cdoke@petersonenergy.com  
7. Well Name: 392 VENTURES Well Number: 22OD  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7878

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 22 Twp: 6N Rng: 67W Meridian: 6  
Latitude: 40.475431 Longitude: -104.880558

Footage at Surface: 1547 feet FNL 2370 feet FWL

11. Field Name: WATTENBERG Field Number: 90750  
12. Ground Elevation: 4783 13. County: WELD

14. GPS Data:

Date of Measurement: 05/03/2011 PDOP Reading: 0.6 Instrument Operator's Name: JOSEPH STICE

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  
2571 FNL 2560 FEL 2571 FNL 2560 FEL  
Sec: 22 Twp: 6N Rng: 67W Sec: 22 Twp: 6N Rng: 67W

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: 222 ft

18. Distance to nearest property line: 195 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 877 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.)
CODELL	CODL	407-87	160	GWA
J-SAND	JSND		160	GWA
NIOBRARA	NBRR	407-87	160	GWA

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#: 20090032  
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):

TOWNSHIP 6 NORTH, RANGE 67 WEST, SECTION 22, N/2.

25. Distance to Nearest Mineral Lease Line: 50 ft

26. Total Acres in Lease: 320

### 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	400	300	400	0
1ST	7+7/8	4+1/2	11.6	0	7,878	275	275	5,200

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

33. Comments Pad slot #: 13. No conductor casing will be run. Proposed Spacing unit: SWNE, NWSE, NESW, & SENW Section 22 T6N-R67W. Operator requests approval of Rule 318A.a and Rule 318A.e exception location; wellhead is to be located outside of a GWA window and more than 50' from an existing well location, additionally, the well is outside fo the boundary well location provisions for Rule 318A.e. A certification detailing if any objections were received within the 20-day period will be submitted to the COGCC 08/25/11.

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: CLAYTON DOKE

Title: PETROLEUM ENGINEER Date: 8/4/2011 Email: cdoke@petersonenergy.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: 10/27/2011

#### API NUMBER

05 123 34605 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/26/2013

#### 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) Provide 24 hour notice of MIRU to Bo Brown at e-mail bo.brown@state.co.us.
- 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.

### **Attachment Check List**

Att Doc Num	Name
1694523	PROPOSED SPACING UNIT
400161146	FORM 2 SUBMITTED
400180967	EXCEPTION LOC REQUEST
400180968	EXCEPTION LOC WAIVERS
400192465	DEVIATED DRILLING PLAN
400192466	PROPOSED SPACING UNIT
400192468	EXCEPTION LOC REQUEST
400192469	EXCEPTION LOC WAIVERS
400192620	PROPOSED SPACING UNIT
400192821	WELL LOCATION PLAT

Total Attach: 10 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Received the 30 day certification letter. Ok to pass.	10/25/2011 5:01:02 PM
Permit	No LGD or public comment received.	10/25/2011 5:00:57 PM
Permit	ON HOLD: Requesting 20 day cert letters. delayed because new owners requested more time. Sent email 10/14/11 requesting update.	10/18/2011 11:07:21 AM
Permit	ON HOLD: Requesting 20 day cert letter. Operators comments "I am emailing to let you know that recent changes in the ownership have caused us to send out some additional notices. So I will be getting you the documentation related to that soon. Thanks! Clay"	9/1/2011 3:51:55 PM
Permit	Operator requests approval of a Rule 318Aa, Rule 318Ae, and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and the well will be drilled to a 318Ae infill location from outside of a GWA drilling window. Request and waivers attached.	8/24/2011 11:08:55 AM
Permit	Requesting 20 day cert letter.	8/24/2011 11:07:49 AM
Permit	Returned to draft. Missing Plat attachment.	3/5/2011 9:03:27 AM

Total: 7 comment(s)

### **BMP**

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

Total: 0 comment(s)