

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



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APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE

Refilling   
Sidetrack

Document Number:  
400006453  
Plugging Bond Surety  
20090055

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: Andy Peterson Phone: (970)669-7411 Fax: (970)669-4077  
Email: andy.peterson@petersonenergy.com

7. Well Name: State-Bradbury Well Number: 13-36

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

9. Proposed Total Measured Depth: 7500

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 36 Twp: 4S Rng: 62W Meridian: 6  
Latitude: 39.656010 Longitude: -104.281020

Footage at Surface: 1544 FNL/FSL FSL 1068 FEL/FWL FWL

11. Field Name: Peace Pipe Field Number: 67900

12. Ground Elevation: 5516 13. County: ARAPAHOE

14. GPS Data:

Date of Measurement: 02/21/2009 PDOP Reading: 2.2 Instrument Operator's Name: Neal McCormick

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: 1 mi

18. Distance to nearest property line: 1068 ft 19. Distance to nearest well permitted/completed in the same formation: 1053 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.)
D Sand	DSND			
J Sand	JSND		3	

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: 8056.4

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 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):  
All, Sec. 36, T4S, R62W

25. Distance to Nearest Mineral Lease Line: 1068 ft 26. Total Acres in Lease: 640

**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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal:  Offsite  Onsite

Method:  Land Farming  Land Spreading  Disposal Facility Other: Dried in place

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	750	375	750	
1ST	7+7/8	4+1/2	11.6	7,500	200	7,500	6,500
			Stage Tool	1,400	150	1,400	700

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

33. Comments No Conductor Casing Will be Run.

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: Engineer Date: 10/15/2009 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: 12/30/2009

**API NUMBER**  
05 005 07128 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/29/2011

**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.

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1) PROVIDE 24 HOUR NOTICE OF MIRU TO JIM PRECUP AT 303-469-1902 OR E-MAIL AT JAMES.PRECUP@STATE.CO.US @STATE.CO.US. 2) SET SURFACE CASING PER RULE 317A, CEMENT TO SURFACE, AND STAGE CEMENT FROM 1400' TO 50' ABOVE THE SURFACE CASING SHOE, VERIFY COVERAGE WITH CBL. 3) IF COMPLETED PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA. VERIFY COVERAGE WITH CEMENT BOND LOG. 4) IF DRY HOLE, SET 60 SACKS CEMENT FROM 50' BELOW D SAND BASE TO 100' ABOVE D SAND TOP, 40 SKS CMT 50' ABOVE NIOBRARA TOP, 40 SKS CMT FROM 2180' UP, 40 SKS CMT FROM 1695' UP, 50 SKS CMT ½ OUT, ½ IN SURFACE CASING, 10 SKS CMT AT TOP OF SURFACE CASING, CUT 4' BELOW GL, WELD ON PLATE, 5 SKS CMT IN RAT HOLE 5 SKS CMT IN MOUSE HOLE.

### Attachment Check List

Att Doc Num	Name	Doc Description
2097927	SURFACE CASING CHECK	LF@2171785 2097927
400009653	PLAT	LF@2162438 400009653
400010044	FORM 2 SUBMITTED	LF@2162442 400010044

Total Attach: 3 Files