

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 ☐

Refiling ☐  
Sidetrack ☐

Document Number:

400084168

Plugging Bond Surety

20060105

3. Name of Operator: APOLLO OPERATING LLC

4. COGCC Operator Number: 10051

5. Address: 1538 WAZEE ST STE 200

City: DENVER State: CO Zip: 80202

6. Contact Name: Virginia Lopez Phone: (303)928-7128 Fax: (303)423-8765  
Email: virginia@petro-fs.com

7. Well Name: Martin Well Number: 45-12D

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

9. Proposed Total Measured Depth: 7265

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 12 Twp: 3N Rng: 68W Meridian: 6

Latitude: 40.238618 Longitude: -104.944509

Footage at Surface: 1799 FNL/FSL FSL 771 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4876 13. County: WELD

14. GPS Data:

Date of Measurement: 07/29/2010 PDOP Reading: 6.0 Instrument Operator's Name: Chris Pearson

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

Footage at Top of Prod Zone: FNL/FSL 1327 FSL 1334 FEL 1327 FEL 1334 FEL  
Sec: 12 Twp: 3N Rng: 68W Sec: 12 Twp: 3N 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: 260 ft

18. Distance to nearest property line: 189 ft 19. Distance to nearest well permitted/completed in the same formation: 1179 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.)
Niobrara-Codell	NB-CD	407	40	E/2 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 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):  
Please see the attached for the mineral lease description.

25. Distance to Nearest Mineral Lease Line: 43 ft 26. Total Acres in Lease: 20

### 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: \_\_\_\_\_

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	510	350	510	0
1ST	7+7/8	4+1/2	11.6	7,265	450	7,265	0

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

33. Comments No conductor casing will be used.

34. Location ID: 418714

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: Virginia Lopez

Title: Regulatory Technician Date: 8/20/2010 Email: virginia@petro-fs.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: 10/4/2010

#### API NUMBER

05 123 32314 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/3/2012

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) Note surface casing setting depth change from 400' to 510'. Increase cement coverage accordingly and cement to surface.
- 2) Provide 24 hour notice of MIRU to Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us
- 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.
- 4) 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	Doc Description
2621970	LEASE MAP	LF@2588881 2621970
400084168	FORM 2 SUBMITTED	LF@2527930 400084168
400084234	LEGAL/LEASE DESCRIPTION	LF@2527931 400084234
400084235	PLAT	LF@2527932 400084235
400084239	TOPO MAP	LF@2527933 400084239
400086286	DEVIATED DRILLING PLAN	LF@2527934 400086286

Total Attach: 6 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Uploaded Lease Map to application as attachment. Changed distance to mineral lease line from 188' to 43'. PVG	10/1/2010 3:28:08 PM
Permit	ON HOLD. The productive interval is not located on the lands of the lease. Requested new lease description. Also the distance to the nearest lease line is incorrect. Requested distance to nearest lease line. PVG	9/20/2010 5:28:04 PM
Permit	Per Virginia Lopez, change proposed total measured depth from 7265' to 7500'. PVG  Per Virginia Lopez, change footage at top of Producing Zone from 1799 FSL 771 FEL to 1327 FSL 1334 FEL. PVG	9/20/2010 5:23:07 PM
Permit	changes made by VL and resubmitted; and passed on	8/23/2010 3:13:46 PM
Permit	per Virginia I can make the forms related additions/changes/corrections that were missing; return to draft: correct BH location 1334 not 771'; also need to remove plugging bond number from surface surety section III with fee/fee surface/mineral owners the same.	8/23/2010 11:49:30 AM

Total: 5 comment(s)

Error: Subreport could not be shown.