

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL GAS COALBED OTHER AND GAS

SINGLE ZONE MULTIPLE COMMINGLE

Refiling
Sidetrack

Document Number:
400235061

PluggingBond SuretyID
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: TANYA CARPIO Phone: (303)830-0888 Fax: (303)830-2818
Email: TCARPIO@APOLLOOPERATING.COM

7. Well Name: HOAGLAND Well Number: 33-4D

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

9. Proposed Total Measured Depth: 8101

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 4 Twp: 3N Rng: 68W Meridian: 6
Latitude: 40.249600 Longitude: -105.001000

Footage at Surface: 678 feet FSL 649 feet FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5013 13. County: WELD

14. GPS Data:
Date of Measurement: 12/14/2011 PDOP Reading: 2.8 Instrument Operator's Name: WYATT HALL

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

1996 FSL 1991 FEL 1996 FSL 1991 FEL

Sec: 4 Twp: 3N Rng: 68W Sec: 4 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: 634 ft

18. Distance to nearest property line: 664 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 946 ft

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	407-87	80	N2SE4

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#: 20080044

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):

PT. S2SE4, SEC. 4, T3N, R68W; MINERAL LEASE MAP IS ATTACHED.

25. Distance to Nearest Mineral Lease Line: 664 ft 26. Total Acres in Lease: 126

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: CLOSED LOOP SYSTEM

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	700	275	700	0
1ST	7+7/8	4+1/2	11.6	0	8,101	525	8,101	3,000

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

33. Comments NO CONDUCTOR WILL BE USED.

34. Location ID: 424103

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: TANYA CARPIO

Title: OFFICE MANAGER Date: 12/22/2011 Email: TCARPIO@

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. Nesline Director of COGCC Date: 1/24/2012

API NUMBER
05 123 34987 00

Permit Number: _____ Expiration Date: 1/23/2014

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) Provide 24 hour notice of MIRU to Mike Hickey via e-mail at Mike.Hickey@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.

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

Attachment Check List

Att Doc Num	Name
1694637	LEGAL/LEASE DESCRIPTION
1694638	LEASE MAP
400235061	FORM 2 SUBMITTED
400235103	WELL LOCATION PLAT
400235105	MINERAL LEASE MAP
400235106	30 DAY NOTICE LETTER
400235107	DEVIATED DRILLING PLAN

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	1/24/2012 8:21:27 AM
Permit	Received lease map covering N/2SE/4. Ok to pass pending public comment 1/23/12.	1/23/2012 10:29:05 AM
Permit	ON HOLD: requesting additional lease map.	1/20/2012 4:00:46 PM
Engineer	is platted at exact location as existing permit for 43-4D 123-33883 - sundry in system for moving it	1/11/2012 1:11:42 PM
Permit	Operator corrected loction ID number. This form has passed completeness.	1/3/2012 11:37:47 AM
Permit	Returned to draft. Missing location id number.	12/27/2011 9:40:27 AM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)