

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:

400383483

Date Received:

02/26/2013

PluggingBond SuretyID

20060105

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 ☐

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: MARKHAM Well Number: 33-32D

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

9. Proposed Total Measured Depth: 8120

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 32 Twp: 4N Rng: 68W Meridian: 6

Latitude: 40.266150 Longitude: -105.018340

Footage at Surface: 1402 feet FNL/FSL 181 feet FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5061 13. County: WELD

14. GPS Data:

Date of Measurement: 02/13/2013 PDOP Reading: 2.0 Instrument Operator's Name: ADAM KELLY

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

Footage at Top of Prod Zone: FNL/FSL 1988 FSL 1982 FEL 1982 FEL 1982  
Bottom Hole: FNL/FSL 1988 FSL 1982 FEL 1982  
Sec: 32 Twp: 4N Rng: 68W Sec: 32 Twp: 4N 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: 175 ft

18. Distance to nearest property line: 181 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1015 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	407-87	80	W/2SE/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):

SEE ATTACHED MINERAL LEASE DESCRIPTION

25. Distance to Nearest Mineral Lease Line: 652 ft

26. Total Acres in Lease: 316

### 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	690	275	690	0
1ST	7+7/8	4+1/2	11.6	0	7,775	525	7,775	3,500

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

33. Comments NO CONDUCTOR WILL BE USED. DISTANCE TO NEAREST WELL PERMITTED/COMPLETED IS MEASURED FROM MAJESTIC TURF FARMS 45-32. DISTANCE TO THE NEAREST MINERAL LEASE LINE IS MEASURED FROM THE BOTTOM HOLE LOCATION.

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: TANYA CARPIO

Title: OFFICE MANAGER

Date: 2/26/2013

Email: TCARPIO@APOLLOOPERATI

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: \_\_\_\_\_

API NUMBER

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

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.

Data retrieval failed for the subreport 'IntPolicy\_NTO' located at: W:\Instrub\Net\Reports\policy\_nto.rdl. Please check th

### Attachment Check List

Att Doc Num	Name
400383483	FORM 2 SUBMITTED
400383575	WELL LOCATION PLAT
400383622	MINERAL LEASE MAP
400383626	EXCEPTION LOC WAIVERS
400383627	EXCEPTION LOC REQUEST
400385198	DIRECTIONAL DATA
400385199	DEVIATED DRILLING PLAN

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

### BMP

<u>Type</u>	<u>Comment</u>
Drilling/Completion Operations	The Rig used to drill the Markham 33-32D will not exceed a height of 116'.

Total: 1 comment(s)