

**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:

400297307

Date Received:

06/26/2012

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](mailto:TCARPIO@APOLLOOPERATING.COM)

7. Well Name: MURDOCK Well Number: 24-34

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

9. Proposed Total Measured Depth: 7900

## WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 34 Twp: 5N Rng: 68W Meridian: 6

Latitude: 40.351400

Longitude: -104.994920

			FNL/FSL		FEL/FWL
Footage at Surface:	795	feet	FSL	2094	feet
					FWL

- |                            |                     |
|----------------------------|---------------------|
| 11. Field Name: WATTENBERG | Field Number: 90750 |
|----------------------------|---------------------|

12. Ground Elevation:        5057                      13. County: LARIMER

- #### 14. GPS Data:

- Date of Measurement: 06/13/2012 PDOP Reading: 1.6 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                      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: 764 ft

18. Distance to nearest property line: 512 ft      19. Distance to nearest well permitted/completed in the same formation(BHL): 1 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.)
J-SAND	JSND		80	W2SW4
NIOBRARA-CODELL	NB-CD	407-87	80	W2SW4

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: 500 ft

26. Total Acres in Lease: 69

### 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	11	8+5/8	24	0	550	228	550	0
1ST	7+7/8	4+1/2	11.6	0	7,900	770	7,900	3,000

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

33. Comments NO CONDUCTOR WILL BE USED.THIS WELL IS BEING PERMITTED ON TOP OF THE LOCATION OF SUNBURST INC WELL (MURDOCK 34-14) WHOSE PERMIT EXPIRED 6/26/12. APOLLO NOW HOLDS THAT LEASE.

34. Location ID: 417992

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: 6/26/2012

Email: TCARPIO@APOLLOOPERATI

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 7/27/2012

API NUMBER

05 069 06408 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/26/2014

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) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.
- 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
2113785	MINERAL LEASE MAP
400297307	FORM 2 SUBMITTED
400297324	WELL LOCATION PLAT
400297328	MINERAL LEASE MAP
400297331	SURFACE AGRMT/SURETY
400297333	WASTE MANAGEMENT PLAN
400297337	LEGAL/LEASE DESCRIPTION

Total Attach: 7 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Permit being approved as a refile of the Murdock #34-14, API 06906408, whose permit expired 6/27/12	7/27/2012 9:46:51 AM
Permit	Corrected unit acreage for J Sand as per opr. Final Review Completed. No LGD or public comment received.	7/23/2012 10:37:19 AM
Permit	Replaced document 400297328 Mineral Lease Map with new document 2113785 as per opr request.	7/5/2012 9:25:21 AM
Permit	Well is on top of previously permitted Sunburst Inc., Murdock #34-14, API 06906408, whose permit expired 6/27/12. Opr contacted to verify. Form on hold.	6/29/2012 4:29:35 PM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)