

**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: E.L. MINCH Well Number: 24-4 RD-D  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7514

**WELL LOCATION INFORMATION**

10. QtrQtr: SESW Sec: 4 Twp: 3N Rng: 68W Meridian: 6  
Latitude: 40.249490 Longitude: -105.010490  
Footage at Surface: 665 feet FSL 2012 feet FWL  
11. Field Name: WATTENBERG Field Number: 90750  
12. Ground Elevation: 5053 13. County: WELD

14. GPS Data:  
Date of Measurement: 04/16/2012 PDOP Reading: 1.1 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  
473 FSL 2181 FWL 473 FSL 2181 FWL  
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: 659 ft  
18. Distance to nearest property line: 644 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 794 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	S2SW4

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 AND MINERAL LEASE MAP.

25. Distance to Nearest Mineral Lease Line: 664 ft 26. Total Acres in Lease: 167

### 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	670	275	670	0
1ST	7+7/8	4+1/2	11.6	0	7,514	525	7,514	3,000

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

33. Comments NO CONDUCTOR WILL BE USED. RIG SKID, DRY HOLE ON E.L. MINCH 24-4 API #05-123-33658, THIS PROPOSED WELL REPLACES THIS WELL DUE TO FAULTING. RIG IS ON LOCATION AND NEED TO GET THIS PERMIT APPROVED AS SOON AS POSSIBLE.

34. Location ID: 423582

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: 4/17/2012 Email: TCARPIO@APOLLOOPERATI

Operator must have a valid water right or permit allowing for industrial use and must use the water in the location set forth in the water right decree or well permit, otherwise an application in water court for a change in place of use or change in type of use is required under Colorado law.

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: [Signature] Director of COGCC Date: 4/18/2012

API NUMBER **05 123 35402 00** Permit Number: \_\_\_\_\_ Expiration Date: 4/17/2014

**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.

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

- 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.

### **Attachment Check List**

Att Doc Num	Name
400272994	FORM 2 SUBMITTED
400273026	WELL LOCATION PLAT
400273039	LEGAL/LEASE DESCRIPTION
400273041	MINERAL LEASE MAP
400273048	DEVIATED DRILLING PLAN
400273051	SURFACE AGRMT/SURETY
400273054	30 DAY NOTICE LETTER
400273355	DIRECTIONAL DATA

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final Review Completed. No LGD or public comment received.	4/18/2012 9:05:16 AM
Permit	Well is replacement for lost hole. rig skid 40 east. Bottom hole is in GWA drilling window per the Well Plat (1790'-2190'.) Ok to pass pending form 4 & 6.	4/17/2012 2:21:12 PM
Permit	received directional drilling template. file has passed completeness.	4/17/2012 2:12:38 PM
Permit	requesting directional drilling template.	4/17/2012 11:55:26 AM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)