


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number: <div style="text-align: center;">400142908</div> Plugging Bond Surety <div style="text-align: center;">19880020</div>				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>MARATHON OIL COMPANY</u>		4. COGCC Operator Number: <u>53650</u>					
5. Address: <u>5555 SAN FELIPE</u> City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77056</u>							
6. Contact Name: <u>Anna Walls</u> Phone: <u>(713)296-3468</u> Fax: <u>(713)513-4394</u> Email: <u>avwalls@marathonoil.com</u>							
7. Well Name: <u>French Lake 3-63-16</u>		Well Number: <u>1A</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>12470</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>NWNW</u> Sec: <u>16</u> Twp: <u>3N</u> Rng: <u>63W</u> Meridian: <u>6</u> Latitude: <u>40.231288</u> Longitude: <u>-104.450324</u>							
Footage at Surface: <u>498</u> feet    FNL/FSL <u>498</u> feet    FEL/FWL <u>498</u> feet FNL <u>498</u> feet    FWL <u>498</u> feet							
11. Field Name: <u>Wattenberg</u>		Field Number: <u>90750</u>					
12. Ground Elevation: <u>4885</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>02/07/2011</u> PDOP Reading: <u>1.4</u> Instrument Operator's Name: <u>Alek Thomas</u>							
15. If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone: FNL/FSL <u>770</u> FNL <u>770</u> FWL <u>460</u> FSL <u>460</u> FEL <u>460</u> Bottom Hole: FNL/FSL <u>770</u> FNL <u>770</u> FWL <u>460</u> FSL <u>460</u> FEL <u>460</u> Sec: <u>16</u> Twp: <u>3N</u> Rng: <u>63W</u> Sec: <u>16</u> Twp: <u>3N</u> Rng: <u>63W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>13949</u> ft							
18. Distance to nearest property line: <u>498</u> ft    19. Distance to nearest well permitted/completed in the same formation: <u>4366</u> ft							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well				
Niobrara	NBRR		640				
			Unit Configuration (N/2, SE/4, etc.)				
			ALL				

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 1235.10

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):  
All of Section 16, T3N, R63W, 6th P.M.

25. Distance to Nearest Mineral Lease Line: 460 ft 26. Total Acres in Lease: 640

**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

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: evaporation/backfill

If 28, 29, or 30 are "Yes" a pit permit may be required.

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
CONDUCTOR	24	20		0	40			
SURF	16	13+3/8	54.5	0	800	350	800	0
1ST	12+1/4	9+5/8	40	0	6,756	1,350	6,756	0
2ND	7+7/8	5+1/2	20	0	12,470	760	12,470	5,765

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

33. Comments The French Lake 3-63-16-1A is one of two horizontal wells (French Lake 3-63-16-1B) to be permitted in this section. However, Marathon intends to only drill one of these wells. There are no visible improvements within 400' of wellhead.

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: Anna Walls

Title: Regulatory Compliance Rep Date: 4/1/2011 Email: avwalls@marathonoil.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: 5/17/2011

Permit Number: \_\_\_\_\_ Expiration Date: 5/16/2013

API NUMBER

05 123 33539 00

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 Jim Precup at 303-469-1902 or e-mail at james.precup@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.

**Attachment Check List**

Att Doc Num	Name
2111678	SURFACE CASING CHECK
400142908	FORM 2 SUBMITTED
400150216	DEVIATED DRILLING PLAN
400150217	EXCEPTION LOC REQUEST
400150219	EXCEPTION LOC WAIVERS
400150220	PLAT

Total Attach: 6 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	The permit should have a waiver for being outside the window, not twinning since there is no well to twin. Tim Kelly signed the twinning waiver so he is aware of the surface location.	4/5/2011 5:12:26 PM
Permit	Back to draft for several attachments won't open. sf	4/4/2011 3:59:43 PM

Total: 2 comment(s)

**BMP**

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

Total: 0 comment(s)