


FORM 2 Rev 12/05	State of Colorado Oil and Gas Conservation Commission 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				
APPLICATION FOR PERMIT TO:			Document Number: 400148364 Plugging Bond Surety 19880020				
1. <input checked="" type="checkbox"/> Drill, <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 checked="" 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 3-62-6</u>		Well Number: <u>1B</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>12100</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SWSW</u> Sec: <u>6</u> Twp: <u>3N</u> Rng: <u>62W</u> Meridian: <u>6</u> Latitude: <u>40.248585</u> Longitude: <u>-104.374676</u>							
Footage at Surface: <u>699</u> feet FNL/FSL <u>FSL</u> <u>460</u> feet FEL/FWL <u>FWL</u>							
11. Field Name: <u>Wildcat</u>		Field Number: <u>99999</u>					
12. Ground Elevation: <u>4704.7</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>03/10/2011</u> PDOP Reading: <u>1.8</u> Instrument Operator's Name: <u>Allen Blattel</u>							
15. If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL <u>1000</u> FSL <u>780</u> FEL/FWL <u>460</u> Bottom Hole: FNL/FSL <u>460</u> FEL/FWL <u>FEL</u> Sec: <u>6</u> Twp: <u>3N</u> Rng: <u>62W</u> Sec: <u>6</u> Twp: <u>3N</u> Rng: <u>62W</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>8775</u> ft							
18. Distance to nearest property line: <u>460</u> ft 19. Distance to nearest well permitted/completed in the same formation: <u>4081</u> ft							
20. LEASE, SPACING AND POOLING INFORMATION							
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 #: 1229.10

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 6, T3N, R62W, 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

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	650	280	650	0
1ST	12+1/4	9+5/8	40	0	6,490	1,290	6,490	0
2ND	7+7/8	5+1/2	20	0	12,100	750	12,100	5,490

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

33. Comments The French Lake 3-62-6-1B is one of two horizontal wells (French Lake 3-62-6-1A) to be permitted in this section. However, Marathon intends to only drill one of these wells. Operator requests approval of a Rule 318Ac exception location: Wellhead is to be located more than 50' from an existing well location. Waiver attached 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: 4/28/2011

Permit Number: _____ Expiration Date: 4/27/2013

API NUMBER

05 123 33453 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 hr notice of spud to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from the intermediate casing shoe to a minimum of 200' above Niobrara. Verify cement with a cement bond log.
- 4) 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
400148364	FORM 2 SUBMITTED
400150150	PLAT
400150152	DEVIATED DRILLING PLAN
400150153	EXCEPTION LOC REQUEST
400150154	EXCEPTION LOC WAIVERS
400150797	30 DAY NOTICE LETTER

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Abandon location form necessary for the French lake 3-62-6 1A well if this well is drilled.	4/6/2011 3:52:44 PM
Permit	Twinning waiver not necessary for this well.	4/6/2011 3:51:10 PM
Permit	Back to draft for correction to 30 day notice. sf	4/6/2011 12:56:39 PM
Permit	Back to draft. lat/Longs are incorrect on the 30 Day notice and Qtr/Qtr is SWSW not Lot 4. sf	4/5/2011 2:48:22 PM
Permit	Back to draft. Attachments lost during server crash on 4/1/11. sf	4/4/2011 1:22:08 PM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Material Handling and Spill Prevention	Spill prevention control and counter measures (SPCC) plans will be in place to address any possible spills associated with Oil and Gas operations throughout the State of Colorado in accordance with 40 CFR 112.
General Housekeeping	Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls.
General Housekeeping	Cleanup will consist of patrolling the roadways, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.
Storm Water/Erosion Control	Stormwater Management Plans (SWMP) will be in place to address construction, drilling and operations associated with Oil and Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health (CDPHE). BMPS will be constructed around the perimeter of the site prior to or at the beginning of construction. BMP's used will vary according to the location and will remain in place until the pad reaches final reclamation.

Total: 4 comment(s)