

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



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Document Number:

400061978

Plugging Bond Surety

19880020

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐

Refiling ☒

Sidetrack ☐

3. Name of Operator: MARATHON OIL COMPANY

4. COGCC Operator Number: 53650

5. Address: 5555 SAN FELIPE

City: HOUSTON State: TX Zip: 77056

6. Contact Name: Anna Walls Phone: (713)296-3468 Fax: (713)513-4391
Email: avwalls@marathonoil.com

7. Well Name: 596-19C Well Number: 17

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

9. Proposed Total Measured Depth: 9932

WELL LOCATION INFORMATION

10. QtrQtr: Lot 3 Sec: 19 Twp: 5S Rng: 96W Meridian: 6

Latitude: 39.597760 Longitude: -108.212930

Footage at Surface: 1598 FNL/FSL FSL 1286 FEL/FWL FWL

11. Field Name: Trail Ridge Field Number: 83825

12. Ground Elevation: 8436.8 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 06/22/2007 PDOP Reading: 1.9 Instrument Operator's Name: William H. Dolinar

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

Footage at Top of Prod Zone: FNL/FSL 520 FSL 660 FEL/FWL FWL Bottom Hole: FNL/FSL 520 FSL 660 FEL/FWL FWL
Sec: 19 Twp: 5S Rng: 96W Sec: 19 Twp: 5S Rng: 96W

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: 21120 ft

18. Distance to nearest property line: 424 ft 19. Distance to nearest well permitted/completed in the same formation: 637 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.)
Williams Fork	WMFK	510-18	320	S/2

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 Sheet

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 4541

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: _____

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	20	16	53	100	100	100	0
SURF	14+3/4	9+5/8	36	2,000	1,000	2,000	0
1ST	8+3/4	4+1/2	11.6	9,932	675	9,932	5,500

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

33. Comments Change surface casing setting depth from 2300' to 2000'. Change conductor size of hole to 20" and size of casing to 16". No visible improvements w/in 400' of wellhead. Surface owned by: Chevron Minerals owned by: Chevron S/2 Sec. 19 =262 acres Two (2) wells on pad already drilled (1) The pad has been built (2) The pits have been constructed (3) The refiled well will not require any expansion/additional surface disturbance of the pad. (4) The location does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii). (5) The location is not in a wildlife restricted surface occupancy area.

34. Location ID: 335992

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: 7/21/2010 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. Nesline Director of COGCC Date: 9/29/2010

Permit Number: _____ Expiration Date: 9/28/2011

API NUMBER

05 045 16070 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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

2) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

3) RESERVE PIT MUST BE LINED.

4) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.

5) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

6) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 000 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400061978	FORM 2 SUBMITTED	LF@2510517 400061978
400078342	30 DAY NOTICE LETTER	LF@2510518 400078342

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Latitude was changed to match revised survey plat	9/27/2010 4:01:59 PM
Permit	Permitted depth is 200' deeper than the directional plan	9/2/2010 4:24:57 PM

Total: 2 comment(s)

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