



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - OFFICE OF OIL, GAS, AND MINERALS

APPLICATION FOR PERMIT TO:
 DRILL DEEPEN CONVERT
AND OPERATE A WELL

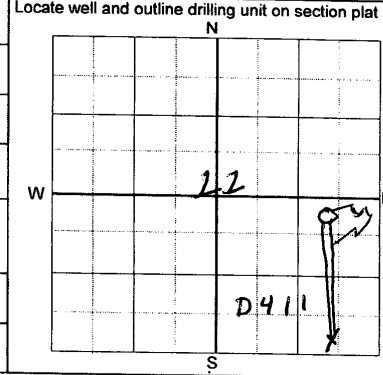
By authority of Part 615 or Part 625 of Act 451 PA 1994, as amended.
Non-submission and/or falsification of this information
may result in fines and/or imprisonment.

- 1a. Part 615 Supervisor of Wells
Oil and Gas
Brine Disposal
Hydrocarbon Storage
Injection for Secondary Recovery

- 1b. Part 625 Mineral Wells
Waste Disposal
Brine Production
Processed brine disposal
Storage
Test, fee sched. on rev.

- 1c. Fee enclosed
Yes
No, revision of application
No, leg of horz drainhole

2. List all previous permit numbers
3. Fed. ID. No. (do not use SSN) 25-1410539
4. Conformance bond
5. Attached
6. Bond number 022050763
7. Bond amount \$33,000
8. Applicant (name of permittee as bonded) Marathon Oil Company
9. Address 5555 San Felipe Houston, TX 77056
Phone 713-296-4684
I authorize DEQ 4 additional days to process this application.
10. Lease or well name (be as brief as possible) STATE BEAVER CREEK Well number D4-11
11. Surface owner STATE OF MICHIGAN
12. Surface location SW 1/4 of SE 1/4 of Sec 11 T 25N R 4W Township BEAVER CREEK County CRAWFORD
13. If directional, bottom hole location
14. The surface location for this well is 293' feet from nearest (N/S) S section line AND 717' feet from nearest (E/W) E section line
15. Is this a directional well? No Yes If yes, complete line 15. The bottom hole location for this well is
16. The bottom hole location (whether straight or directional) of this well is 293' feet from nearest (N/S) S drilling unit line AND 717' feet from nearest (E/W) E drilling unit line
17. Kind of tools Rotary Cable Combination
18. Is sour oil or gas expected? No Yes H2S Cont. plan enclosed
19. Base of lowest known fresh water aquifer Formation Glacial Drift Depth 500'
20. Intended total depth MD 4700' TVD 4700'
21. Formation at total depth AMHERSTBURG
22. Producing/injection formation(s) NA
23. Objective pool, field, or project NA
24. PROPOSED DRILLING, CASING AND CEMENTING AND SEALING PROGRAM
25. DETAIL CEMENTING PROGRAM. IDENTIFY ALL CEMENT CLASSES, ADDITIVES, AND VOLUMES (IN CU. FT.) FOR EACH CASING STRING.
26. Send correspondence and permit to Name Dennis Mendenhall E-mail DMendenhall@marathonoil.com Address 5555 San Felipe, Houston, TX 77056 Phone 713-296-4684
27. Application prepared by (print or type) Dennis Mendenhall Phone 713-296-4684
28. Signature Date 6/10/15
Office of Oil, Gas, and Minerals Use Only
Permit number API number Date issued Owner number





INSTRUCTIONS FOR COMPLETING FORM 7200-1

- Line 1a/b PART 615 SUPERVISOR OF WELLS or PART 625 MINERAL WELLS. Identify which statute this well will be permitted under and what type of well it will be.
Line 1c PERMIT FEE. For Part 615, Supervisor of Wells, the permit fee for all drilling and deepening permits is \$300. For Part 625, Mineral Wells, different fees apply to different types of wells: The permit fee is \$2500.00 for a Waste Disposal well; and \$500 for a Brine Production, Processed Brine Disposal or Storage Well.
Line 2 PRIOR PERMITS. Identify all permit numbers of any wells drilled from the same surface location.
Line 3 FEDERAL IDENTIFICATION NUMBER. Use a federal identification number. Do not use a Social Security Number.
Lines 4-7 BOND. If the permittee as shown on line 8 is a partnership, all persons named share equal responsibility for the well.
Line 8 APPLICANT. The permittee shall be the owner of the well or an authorized representative of the owner of the well.
Line 9 Provide the address and phone number of the permittee, this may be different than the address to mail the permit on Line 26.
Line 10 LEASE or WELL NAME AND WELL NUMBER. Wherever possible a single word lease name is preferable.
Line 11 SURFACE OWNER. Identify the surface owner(s) at the well site.
Line 12 SURFACE LOCATION. Identify the surface location of the well site by describing it in a quarter, quarter, quarter section (10 acre) spot within its township and range.
Line 13 BOTTOM HOLE LOCATION. Fill in this line only if this is a directionally drilled well.
Line 14 Identify the surface location of the well measured from nearest section lines (as identified in line 2, form EQP 7200-2).
Line 15 If the well is directionally drilled, identify the location of the endpoint of the well bottom hole location measured from the from nearest section lines (as identified in line 3 form EQP 7200-2).
Line 16 Identify the bottom hole location of the well (same as surface location for straight holes) measured from the nearest drilling unit lines or property lines for Part 625 wells (as identified in line 4 form EQP 7200-2).
Line 17 KIND OF TOOLS. Identify if the well will be drilled with Rotary, Cable, or Combination tools.
Line 18 SOUR OIL OR GAS. Indicate if the well is located in an area where sour (containing hydrogen sulfide, H2S) oil and gas is likely to be encountered.
Line 19 BASE OF LOWEST KNOWN FRESH WATER AQUIFER. Identify the formation and the depth where the base of the lowest known fresh water aquifer is expected to be encountered.
Line 20 INTENDED TOTAL DEPTH. For straight holes show the total depth of the well as measured depth (MD). For directionally drilled wells identify the measured depth (MD) and true vertical depth (TVD) at total depth.
Line 21 FORMATION AT TOTAL DEPTH. What is the geological formation at total depth of the well?
Line 22 PRODUCING/INJECTING FORMATION. Identify the intended producing formation for oil, gas or brine wells.
Line 23 OBJECTIVE POOL, FIELD OR PROJECT. If this is an exploratory well, indicate "exploratory".
Line 24 PROPOSED DRILLING, CASING, CEMENTING AND SEALING PROGRAM. Provide all casing and sealing data applicable to the proposed drilling.
Line 25 DETAIL CEMENTING PROGRAM. Identify all cement classes, additives, and volumes (in cu. ft.) for each string of casing to be run.
Line 26 Identify the individual who can serve as a contact for the applicant and the mailing address to send the permit to.
Line 28 At least one copy of form EQP7200-01 must have an original signature of the individual authorized by the applicant to file the application.

Permit fee is \$300 for all Part 615 wells; \$2,500 for a Part 625 waste disposal well; or \$500 for a brine production, processed brine disposal, or storage well. Part 625 Test wells are subject to the fee structure defined in Line 1C above.

Table with 3 columns: ONLINE PAYMENT*, CHECK PAYMENT, and OVERNIGHT/EXPRESS DELIVERY. Each column contains instructions on how to submit payment and the corresponding mailing address for the Michigan Department of Environmental Quality (MDEQ).

Please see further instructions on EQC 7200 for preparing a Part 615 application and EQC 7200-3 for preparing a Part 625 application.