

Illinois Department of Natural Resources Office of Oil and Gas Resource Management

One Natural Resources Way Springfield, Illinois 62702-1271
www.dnr.illinois.gov (217) 782 - 7756



OG-10 PERMIT APPLICATION TO DRILL, DEEPEN, OR CONVERT A WELL

Well to be used for: OIL PRODUCTION WATER SUPPLY GAS STORAGE OBSERVATION
 SERVICE WELL GAS PRODUCTION COAL BED GAS COAL MINE GAS

I. Contents of Application, 62 Ill. Adm. Code 240.220. Fill in all blanks that apply and answer all questions.

1. WELL NAME: _____ WELL NUMBER: _____

Is this a (mark all that apply): New Well Conversion** Deepening** Drilled Out Plugged Hole** Renewal**

**Previous well name _____ **Permit # _____ **Reference # _____

2. LOCATION OF WELL: ELEVATION OF GROUND LEVEL AT WELL LOCATION IS _____ FT.

_____ Ft. North; OR _____ Ft. South; AND _____ Ft. East; OR _____ Ft. West,

OF THE _____ CORNER, OF THE _____ QUARTER, OF THE _____ QUARTER, OF THE _____ QUARTER, OF

SECTION _____, TOWNSHIP _____ (NORTH-SOUTH), RANGE _____ (EAST-WEST) IN _____ COUNTY, ILLINOIS.

LATITUDE: _____ LONGITUDE: _____

(Degrees and Decimal Degrees to 6 places North American Datum 1983 accurate to within 3 feet (62 Ill. Adm. Code 240.220(b)))

3. MAP (240.220(c)): **OUTLINE YOUR LEASE AND DRILLING UNIT (OR ENHANCED OIL RECOVERY UNIT) BOUNDARIES BELOW; INCLUDE THE PROPOSED WELL LOCATION, THE LOCATION OF ALL PRODUCING WELLS PREVIOUSLY DRILLED ON THE PROPOSED DRILLING UNIT AND THE LOCATION OF ALL OFFSET WELLS ON ADJACENT DRILLING UNITS; A SEPARATE MAP MAY BE ATTACHED IF NECESSARY AND A LARGER MAP DIAGRAM IS AVAILABLE AT <http://www.dnr.illinois.gov/OilandGas/Pages/default.aspx>**

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THE LOCATION AND ELEVATION OF THE ABOVE DESCRIBED WELL, FIXED AS THE RESULT OF AN INSTRUMENT SURVEY AND GLOBAL POSITIONING READING MADE BY ME IN COMPLIANCE WITH THE ILLINOIS OIL AND GAS ACT AND REGULATIONS, IS TRUE AND CORRECT, AND I HAVE SET A STAKE AT THE EXACT LOCATION DESIGNATED ABOVE.

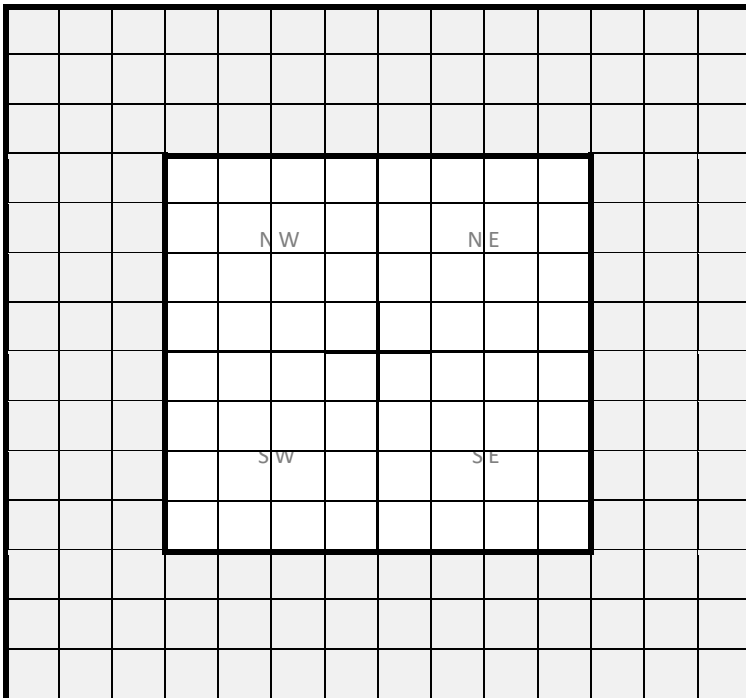
SIGNATURE OF REGISTERED ILLINOIS LAND SURVEYOR OR REGISTERED ILLINOIS PROFESSIONAL ENGINEER DATE

PRINTED NAME OF REGISTERED ILLINOIS LAND SURVEYOR OR REGISTERED ILLINOIS PROFESSIONAL ENGINEER

ILLINOIS LICENSE REGISTRATION NUMBER

STREET ADDRESS

CITY STATE



The diagram is 1.75 miles long by 1.75 miles wide; the smallest squares are 660' X 660', and contain 10 acres each.

4. Yes No Have you provided a map (in item 3 or separately attached) which shows the proposed well location; an outline of the proposed drilling unit, the boundaries of each leasehold which comprises the drilling unit or the outer boundary of the enhanced oil recovery unit; the location of all producing wells previously drilled on the drilling unit; and the location of all offset wells on adjacent drilling units? (240.220(c))

5. Yes No Is the proposed well location within the limits of any incorporated city, town or village? (240.220(e))
If yes, attach a certified copy of the official consent from the city, town or village.

6. Yes No Are you using a drilling contractor to drill this well? (240.220(f)) If yes, provide the following:
Drilling Contractor _____ Address _____
Type of drilling tools to be used (240.220(f)): Rotary Cable Air

7. Yes No Are you using company tools to drill this well? (240.220(f))
Type of drilling tools to be used (240.220(f)): Rotary Cable Air

8. Yes No Is the well located over an active mine, a temporarily abandoned mine, or within the undeveloped limits of a mine? (240.220(g))
If yes, submit documentation establishing compliance with 62 Ill. Adm. Code 240.1305 (map or sketch; copy of notice; and either an agreement or sworn statement with registered mail receipt cards) and list such mine owner: _____

9. Yes No Is the well located over an area where the coal rights are owned by someone other than the lessor(s) under the oil and gas lease? (240.220(g))
If yes, submit documentation establishing compliance with 62 Ill. Adm. Code 240.1305 (copy of notice and registered mail return receipt card(s)) and list the coal rights owner: _____

10. Yes No Is this application for a newly drilled well located over an underground gas storage field as defined in Section 240.1805(c), within any protective boundary shown on the gas storage operators map submitted to the Department, or located over gas storage rights that are owned by someone other than the lessor(s) under the oil and gas lease? (240.220(h))
If yes, submit documentation establishing compliance with Section 240.1820 and list the gas storage operator: _____

11. What is the proposed depth of well? (240.220(i)) _____

12. Name of lowest geological **formation** to be tested? (240.220(i)) _____
a. **List name of the reservoir if it is different than the formation name above (see guidance document)** _____

13. Yes No Have you ever had a well bond forfeited by the IDNR? If yes, attach a separate sheet of paper explaining when and for what well? (240.220(j))

II. Other Information

14. Yes No Is this a directional well? If yes, comply with 62 Ill. Adm. Code 240.240 and provide a **directional drilling plan, map, and** bottom hole location. See also Section 240.450.

Bottom Hole Location **(GPS and PLSS Coords)** _____

15. Yes No Does your drilling plan include horizontal drilling? If yes, comply with 62 Ill. Adm. Code 240.245 and provide **a plat, directional drilling plan,** an entrypoint to the formation and the bottom hole location. See also Section 240.455.

Formation Entry Point: **(GPS and PLSS Coords)** _____

Bottom Hole Location **(GPS and PLSS Coords)** _____

16. Yes No N/A If yes to (15) above, will you use "high volume horizontal hydraulic fracturing operations" as defined in Section 1-5 of the Hydraulic Fracturing Regulatory Act ("HFRA")? (225 ILCS 732/1-5)
17. Yes No N/A If yes to (16) above, have you registered with the Department as required by 62 Ill. Adm. Code 245.200? (62 Ill. Adm. Code 245.200)
18. Yes No N/A If yes to (16) above, have you submitted a High Volume Horizontal Hydraulic Fracturing Permit Application as required by 62 Ill. Adm. Code 245.210? (62 Ill. Adm. Code 245.210)
19. Yes No N/A If yes to (15) above, but no to (16) above, will you be required to file a "Medium Volume Horizontal Hydraulic Fracturing Completion Report" with the Department in accordance with 62 Ill. Adm. Code 245.1200? (62 Ill. Adm. Code 245.1200)
20. Yes No Is the proposed well location less than 200 feet from an occupied dwelling? If yes, you must also submit documentation establishing that you are in compliance with 62 Ill. Adm. Code 240.410(f).

21. Yes No Are you requesting a Standard Drilling Unit for the proposed well as outlined in 240.410? If yes, indicate which of the following applies and answer the questions following the drilling unit selection:

- a. Oil Well: 10 acre (1/4-1/4-1/4 Section)
 Yes No Is the well at least 10 feet from the nearest drilling unit boundary lines; at least 330 feet from the nearest lease boundary line except any boundary line located within a pooled unit, and at least 330 feet from the nearest location of a producing well or well being drilled or for which a permit has previously been issued but not yet drilled, for a well to the same individual reservoir?
- b. Gas well: 10 acre (1/4-1/4-1/4 Section)
 Yes No Is the well at least 10 feet from the nearest drilling unit boundary lines; at least 330 feet from the nearest lease boundary line except any boundary line located within a pooled unit and at least 330 feet from the nearest location of a producing well or well being drilled or for which a permit has previously been issued but not yet drilled, for a well to the same individual reservoir?
- 20 acre (1/2 of 1/4 1/4 Section)
 Yes No Is the well at least 10 feet from the nearest drilling unit boundary lines; at least 330 feet from the nearest lease boundary line except any boundary line located within a pooled unit; and at least 330 feet from the nearest location of a producing well or well being drilled or for which a permit has previously been issued but not yet drilled, for a well to the same individual reservoir?
- 40 acre (1/4-1/4 Section)
 Yes No Is the well at least 10 feet from the nearest drilling unit boundary lines; at least 330 feet from the nearest lease boundary line except any boundary line located within a pooled unit; and at least 330 feet from the nearest location of a producing well or well being drilled or for which a permit has previously been issued but not yet drilled, for a well to the same individual reservoir?
- c. Deep Gas: 160 acre minimum (1/4 Section) (NOTE: must apply to Department for spacing rules (240.410(b)(4))
 Yes No Is the well at least 10 feet from the nearest drilling unit boundary lines; at least 660 feet from the nearest lease boundary line except any boundary line located within a pooled unit;
- d. Coalbed Gas: 10 acre (1/4-1/4-1/4 Section)
 Yes No Is the well at least 10 feet from the nearest drilling unit boundary lines; at least 330 feet from the nearest lease boundary line except any boundary line located within a pooled unit; and at least 330 feet from the nearest location of a producing well or well being drilled or for which a permit has previously been issued but not yet drilled, for a well to the same individual reservoir?

22. Yes No Are you requesting a "well location exception within a regular drilling unit" as explained in 62 Ill. Adm. Code 240.420? If yes, indicate which of the following subsection(s) apply and attach all documentation showing the cited regulation(s) have been met:

- a. **Conditions of drilling unit render it impractical to drill oil/gas well at a location conforming to requirements of 62 Ill. Adm. Code 240.410** (240.420(a)) Please Describe: _____
 Yes No Is the well at least 330 feet from the nearest lease boundary line? If "no", follow the procedure outlined in 240.420(a)(1))
- b. A lease immediately adjacent to the proposed drilling unit has producing well(s) located less than 330 feet from the **Common Boundary line** (240.420(b)): Provide Well Name and Reference # _____
- c. Intersection of an Existing or Proposed **Mine Pillar** (240.420(c))
 Attach Copy of Map Showing the Well Location in relation to the Mine Pillar
 Yes No Is the well at least 330 feet from the nearest lease boundary line? If "no", follow the procedure outlined in 240.420(a)(1))

23. Yes No Are you requesting the "Change of Permitted Drilling Location as outlined in 62 Ill. Adm. Code 240.425? If yes, indicate which of the following apply (note only item c requires a \$300 permit application fee).

- a. A permit has been issued, but the location has been deemed impractical to drill so the location has

- been moved a maximum of 60 feet from the original permitted location. (62 Ill. Adm. Code 240.425(a)(1)) List permit # and reason the location was moved: Permit # _____ Reason for move: _____
- b. A permit has been issued but the location has been deemed impractical to drill so the location has been moved more than 60 feet from the original permitted location. (62 Ill. Adm. Code 240.425(a)(2)) (note this requires a permit for the proposed location prior to drilling). List permit # and reason the location was moved: Permit # _____ Reason: _____
- c. During drilling of a previously permitted well, the well was lost due to collapsed casing, hole, etc. (240.425(b)) and the location was moved less than 30 feet, the District Office was notified, and drilling commenced.. Identify previous well name Reference # and explanation _____
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24. Yes No Are you requesting a "drilling unit exception" as explained in 62 Ill. Adm. Code 240.430? If yes, indicate which subsection(s) apply and attach all documentation showing the cited regulation(s) have been met:
- a. **Irregular Section** (240.430(a)) and also provide surveyed plat signed by a Registered Illinois Land Surveyor or a Registered Illinois Professional Engineer showing the dimensions of the quarter-quarter Section in which the proposed well is located
- b. **Enhanced Oil Recovery Project** (240.430(b))
- Within Lease—Also, provide Reference # of Active Injection Well(s) _____
 Yes No Is the proposed well at least 330 feet from the **LEASE** boundaries?
- Within Waterflood Unit—Also, provide Name of Unit and Reference # of Active Injection Well(s) _____
 Yes No Is the proposed well at least 330 feet from the **UNIT** boundaries?
- c. **Post-Primary Recovery Well** (240.430(c)(2)) Provide public land survey description of proposed drilling unit _____
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25. Yes No Are you requesting a horizontal well drilling unit consisting of two or more drilling units of the same size, shape and location as that required for a well of the same depth in accordance with Section 240.410 (240.455(d)(2))? If yes, please provide public land survey description of proposed drilling unit: _____

If yes, are all areas between the formation entry point and the bottom hole of the wellbore at least 10 feet from the nearest drilling unit boundary lines; at least 330 feet from the nearest lease boundary line except any boundary line located within a pooled unit; and at least 330 feet from the nearest location of a producing well, a well being drilled, or a well for which a permit has previously been issued (but under which the well has not yet been drilled) using the same individual reservoir? Yes No

26. Yes No Will the proposed well require a Modified Drilling Unit (MDU) (240.460)? If yes, provide approximate date petition has been or will be submitted: _____
27. Yes No Will the proposed well require a Special Drilling Unit (SDU) (240.465)? If yes, provide approximate date petition has been or will be submitted _____
28. Yes No Will the proposed well require a Pool-Wide Drilling Unit (PWDU) (240.470)? If yes, provide approximate date petition has been or will be submitted or provide name/unit number of already established PWDU _____
29. Yes No Is the proposed drilling unit for the well subject to an integration order (240.132)? If yes, provide the case number and attach a copy of the Order: _____
30. Yes No Is the proposed well within two hundred fifty (250) feet from any opening of an active coal mine used as a means of ingress or egress for the persons employed in such mine or which is used as an air shaft? If yes, submit documentation establishing compliance with 62 Ill. Adm. Code 240.1330.
31. Yes No Is the proposed well located on state owned surface property?
32. Yes No Does the State of Illinois control any percentage of mineral interests of the proposed drilling unit?

33. Yes No Is this an application for an Observation or a Gas Storage Well (240.1835) If so, attach a proposed schematic and provide:
 a) brief statement of well purpose 240.1835(c):
 b) an e-mail address by which gas storage operator may be served with a notice of probable violation of the Act (240.1835(g):

34. Yes No Is this an application for a Service Well (240.1900)? If so attach a proposed schematic and provide:
 a) brief statement of purpose 240.1910(c):

35. Yes No Does applicant have a current PERMITTEE STATUS REPORTING FORM (OG-1) on file with the Department? (62 Ill. Adm. Code 240.1710(e)) If no, submit a current OG-1 form with this permit application
36. Yes No Are you required to include a bond with this application? (62 Ill. Adm. Code 240.1500). If yes, submit the bond with this application.
37. Yes No Have you included with this application a non-refundable fee of \$300 (check or money order payable to the Illinois Department of Natural Resources-OOGRM)? (62 Ill. Adm. Code 240.210)

III. Applicant Information, 62 Ill. Adm. Code 240.210 and 240.230.

38 Name of Applicant/Permittee: _____ Permittee # _____

Mailing Address: _____

City, State, Zip Code: _____

39 Name of Technical Contact for Application: _____

e-mail: _____ Phone number: _____

Mailing Address: _____

City, State, Zip Code: _____

40 UNDER PENALTIES OF PERJURY, I CERTIFY THAT

- a. THE PERMITTEE HAS THE RIGHT, PURSUANT TO VALID AND SUBSISTING OIL AND GAS LEASES, DOCUMENTS, OR MEMORANDA OF PUBLIC RECORD, AND/OR STATUTE OR REGULATION, TO DRILL AND OPERATE THE WELL(S) DESCRIBED HEREIN; AND
- b. THE PERMITTEE HAS REVIEWED THIS APPLICATION TOGETHER WITH ANY ACCOMPANYING STATEMENTS AND DOCUMENTS AND STATES THAT TO THE BEST OF THE PERMITTEE'S KNOWLEDGE, THE REQUEST, STATEMENTS, AND DOCUMENTS ARE TRUE AND CORRECT.

 NAME OF PERSON AUTHORIZED TO SIGN (Print)

 TITLE

 SIGNATURE 62 Ill. Adm. Code 240.230

 DATE

This State agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined in 225 ILCS 725/1 et seq. Failure to disclose this information will result in this form not being processed. This form has been approved by the Forms Management Center.