



ILLINOIS DEPARTMENT OF NATURAL RESOURCES

Office of Mines and Minerals

Division of Oil and Gas
(217) 782-7756

One Natural Resources Way
Springfield, Illinois 62702-1271



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

Well to be used for: [X] OIL PRODUCTION [ ] WATER SUPPLY [ ] GAS STORAGE [ ] OBSERVATION [ ] SERVICE WELL

[X] GAS PRODUCTION [ ] COAL BED GAS [ ] COAL MINE GAS

WELL IS TO BE KNOWN AS Burkett 5-34HOR

ELEVATION OF GROUND LEVEL AT WELL LOCATION IS 548.08 FT.

LOCATION OF WELL

330 Ft. North; OR Ft. South; AND Ft. East; OR 330 Ft. West, OF THE

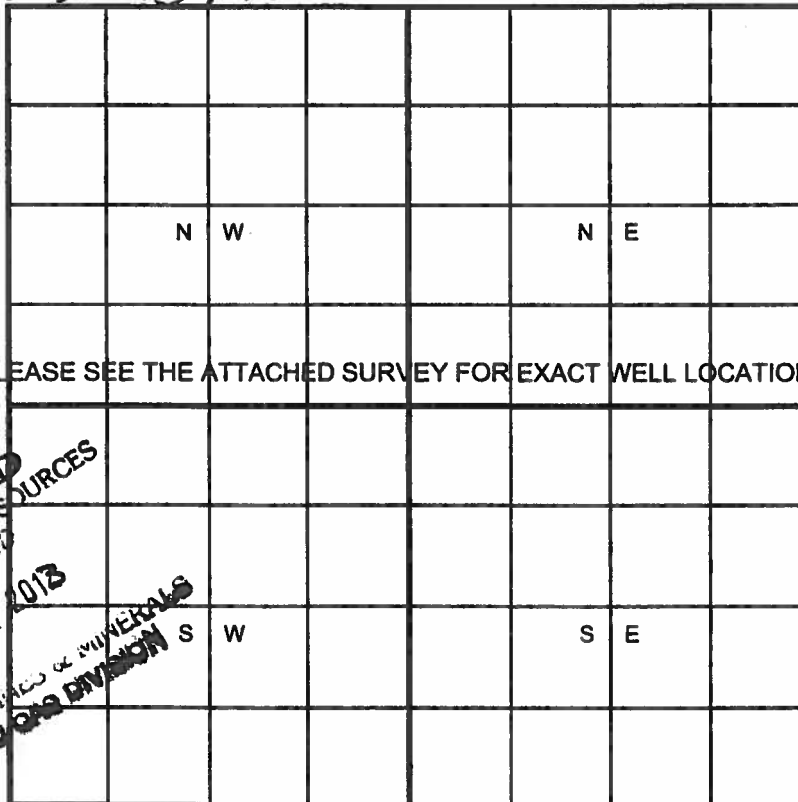
Northeast CORNER, OF THE Southeast QUARTER, OF THE N/A QUARTER, OF THE N/A QUARTER, OF

SECTION 5, TOWNSHIP 2N (NORTH-SOUTH), RANGE 5E (EAST-WEST) IN Clay COUNTY, ILLINOIS.

OUTLINE YOUR LEASE AND DRILLING UNIT BOUNDARIES BELOW, AND SPOT THE WELL LOCATION AND ALL OFFSET WELLS.

PLEASE SEE THE ATTACHED SURVEY FOR EXACT WELL LOCATION

LATITUDE: 38.643942 LONGITUDE: 88.659363



RECEIVED
DEPT. OF NATURAL RESOURCES
SPRINGFIELD
MAR 11 2013
OFFICE OF MINES & MINERALS
OIL AND GAS DIVISION

DIAGRAM EQUALS 1 MILE; SMALLEST SQUARES ARE 660' x 660' AND CONTAIN 10 ACRES.
PLEASE SEE THE ATTACHED SURVEY FOR EXACT WELL LOCATION

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 MADE BY ME IN
COMPLIANCE WITH THE ILLINOIS OIL AND GAS ACT, 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

STREET ADDRESS

CITY

STATE

1. You must outline your lease and drilling unit on the front of this application and attach a copy of your recorded lease or assignment.
2. If proposed well is part of a water flood unit, give name of unit \_\_\_\_\_ and show the water flood unit boundaries relative to the proposed well location within the plat shown on the front of the application.

### REQUEST FOR IRREGULAR LOCATION WITHIN DRILLING UNIT

- Due to Topographic Conditions or surface feature**  
Give complete details and attach copy of topographic map \_\_\_\_\_
- Irregular Section** If an undersized drilling unit is due to an irregular section, applicant shall furnish with the application a surveyed plat, signed by a registered surveyor, showing the exact dimensions of the quarter-quarter section involved.
- Over Mine Pillar** Attach a copy of mine map showing location.

This is a:       Conversion     Deepening     Drilled Out Plugged Hole     Renewal     New Well

Previous well name     N/A     Permit #     N/A    

Drilling Contractor     Les Wilson Inc.     Address     205 Industrial Ave., Carmi, IL 62821    

- (A) Does applicant have a current (OG-1) PERMITTEE STATUS REPORTING FORM on file with the Department?  Yes     No  
If you answered "NO" to the question above, submit completed OG-1 Form with the application.
- (B) Is the proposed well located on state owned surface property?     Yes       No
- (C) Do the leases or assignments submitted with this application include 100% of rights to drill and operate?     Yes       No
- (D) Does the State of Illinois control any of the percentage of minerals of the proposed lease?     Yes       No
- (E) Is proposed well located over an active mine, a temporarily abandoned mine, or within one-half mile of active or abandoned mine working?     Yes     No    If "Yes", attach the coal operator's or owner's written consent to the location of the proposed well.
- (F) If the answer to (D) is "NO", are the coal rights under the proposed well owned by someone other than the party who executed your oil and gas lease?     Yes     No    If "Yes", attach the coal operator's or owner's written consent to the location of the proposed well.
- (G) Is the well located over a gas storage field?     Yes     No    If "Yes", attach gas storage operators agreement
- (H) Is proposed location within the limits of an incorporated city, village or town?     Yes     No    If "Yes", attach written consent from city, village, or town for this location.
- (I) Is the proposed location at least 200 feet from an occupied dwelling?     Yes     No    If no, submit an agreement signed by the surface owner allowing for a closer well location. ✕
- (J) Type of tools to be used in drilling the well:     Rotary       Cable       Air
- (K) Probable depth of well: \_\_\_\_\_
- (L) Name of lowest geological formation to be tested?        Lingle - TVD 4,530 at HZ Landing point and TMD of 9,344' at BHL

Issue permit to:     Strata-X, Inc.     Permittee #     4633    

Permanent Address:     225 Union Blvd, Suite 450, Lakewood, CO 80228    

Send permit to:     Strata-X, Inc.    

Address:     225 Union Blvd, Suite 450, Lakewood, CO 80228    

UNDER PENALTIES OF PERJURY, I DECLARE THAT I HAVE EXAMINED THIS APPLICATION, INCLUDING ACCOMPANYING STATEMENTS AND DOCUMENTS, AND TO THE BEST OF MY KNOWLEDGE, IT IS TRUE, CORRECT, AND COMPLETE.

    David Hettich    

NAME OF APPLICANT (Please Print)

    David Hettich     Vice President of Land

SIGNATURE OF APPLICANT

TITLE

    March 6, 2013    

DATE

This State agency is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined in the Ill. Compiled Stat. Ch. 225, pars. 725 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.

✕ see explanation in item 4 of 04/10/13 ltr.