ILLINOIS DEPARTMENT OF NATURAL RESOURCES
Office of Mines and Minerals

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

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 ____________________________ Ft. West, OF THE

Northeast Corner, of the Southeast Quarter, of the N/A 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: 39°10'43.94"N LONGITUDE: 88°05'36.33"W

Diagram equals 1 mile; smallest squares are 660' x 660' and contain 10 acres.

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
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:  ☐ 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)  Vice President of Land  March 6, 2013

SIGNATURE OF APPLICANT  TITLE 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, pers. 725 et. seq. Failure to disclose the information will result in this form not being processed. This form has been approved by the Forms Management Center.

See explanation in item 4 at 04/10/13 Hr.