

# ILLINOIS STATE GEOLOGICAL SURVEY

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SAMPLE TOPS from Company

|                                        | <u>Top</u> | <u>Bottom</u> |
|----------------------------------------|------------|---------------|
| Ste Genevieve, limestone               | 804        |               |
| Burlington-Keokuk, dolomite, limestone | 1304       |               |
| Burlington Lime                        | 1332       | 1354          |
| Chouteau, limestone                    | 1514       | 1532          |
| Louisiana, limestone                   | 1590       | 1594          |
| Devonian Lime                          | 1729       |               |
| Silurian, dolomite, show of oil        | 1734       |               |
| Total Depth:                           |            | 1753          |

Date Drilling Began: 11/26/1972

Casing 8 5/8" - 101' , cemented with 75 sacks  
 4 1/2" - 1734' , cemented with 150 sacks

Acidized: 1734' - 1753', 5000 gallons 15% HCl

I.P. 135 bbls. of oil, 5 bbls. of water per day, pumping from the Silurian (1734'-1753')

Geologist's Report filed.

[Imaged Log viewing help: New users please read this.](#)

|                          |                           |
|--------------------------|---------------------------|
| <a href="#">GET FILE</a> | Scanned Documents         |
| <a href="#">GET FILE</a> | Scanned Drilling Time Log |
| <a href="#">GET FILE</a> | Scout Check Ticket        |

**Permit Date:** 11/27/1972      **Permit #:** 1051      **Reference #:** 500761

|                     |                                      |                           |                      |
|---------------------|--------------------------------------|---------------------------|----------------------|
| <b>COMPANY</b>      | Carey, John Oil Co., Inc.            |                           |                      |
| <b>FARM</b>         | Hawk, V.                             | <b>NO. 3</b>              |                      |
| <b>DATE DRILLED</b> | December 11, 1972                    | <b>COUNTY NO. 01865</b>   |                      |
| <b>AUTHORITY</b>    | Company & Hiram Hughes,<br>Geologist |                           |                      |
| <b>ELEVATION</b>    | 553' GL -                            |                           |                      |
| <b>LOCATION</b>     | 330'S line, 330'W line of SW         |                           |                      |
| <b>COUNTY</b>       | Sangamon                             | <b>API# 1216701865 00</b> | <b>Irr. 6-15N-2W</b> |

# ILLINOIS STATE GEOLOGICAL SURVEY

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Casing 8 5/8" - 101' , cemented with 75 sacks  
4 1/2" - 1734' , cemented with 150 sacks  
Tubing 2" - 1545' , set with Baker AD-1 packer

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|                     |          |                  |        |                     |        |
|---------------------|----------|------------------|--------|---------------------|--------|
| <b>Permit Date:</b> | 7/3/2013 | <b>Permit #:</b> | 204021 | <b>Reference #:</b> | 500761 |
|---------------------|----------|------------------|--------|---------------------|--------|

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|                |                            |
|----------------|----------------------------|
| <b>COMPANY</b> | Benchmark Properties, Ltd. |
|----------------|----------------------------|

|             |               |
|-------------|---------------|
| <b>FARM</b> | Hawk Brothers |
|-------------|---------------|

|            |       |
|------------|-------|
| <b>NO.</b> | 3-SWI |
|------------|-------|

|                     |                |
|---------------------|----------------|
| <b>DATE DRILLED</b> | August 5, 2013 |
|---------------------|----------------|

|                   |       |
|-------------------|-------|
| <b>COUNTY NO.</b> | 01865 |
|-------------------|-------|

|                  |  |
|------------------|--|
| <b>AUTHORITY</b> |  |
|------------------|--|

|                  |           |
|------------------|-----------|
| <b>ELEVATION</b> | 553' GL - |
|------------------|-----------|

|                 |                              |
|-----------------|------------------------------|
| <b>LOCATION</b> | 330'S line, 330'W line of SW |
|-----------------|------------------------------|

|               |          |
|---------------|----------|
| <b>COUNTY</b> | Sangamon |
|---------------|----------|

|             |               |
|-------------|---------------|
| <b>API#</b> | 1216701865 01 |
|-------------|---------------|

|             |          |
|-------------|----------|
| <b>Irr.</b> | 6-15N-2W |
|-------------|----------|