



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



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## OG-30 Frac or Acid Treatment

Maximum Injection Pressure (MIP) - Alternate Compliance Method  
62 IL.ADM.CODE SECTION 240.340(e)(2)(A) Proposed Maximum Injection

### Treatment Well

Reference #:

Well Name:

### Uppermost Interval Open During Treatment

Formation Name:

Top Depth(ft.):

Bottom Depth(ft.):

Treatment Date:

### Items Required:

### INCLUDED

- |  |            |           |
|--|------------|-----------|
| 1. A <u>copy of the ticket</u> (a record of each injection pressure and corresponding time, the table on page 2 may be used as the ticket).  | <u>YES</u> | <u>NO</u> |
| 2. The <u>pressure chart</u> (injection pressure vs. time) from the "frac" or "acid" treatment, that identifies each injection pressure, the Shut-Down pressure, the Instantaneous Shut-In Pressure (ISIP), and 5-minute Shut-Down pressure. | <u>YES</u> | <u>NO</u> |
| 3. If fractured, the Formation Fracture Pressure (PSI):  |            |           |
| 4. Treating Pressure (PSI):  |            |           |
| 5. Shut-down Pressure (PSI):   |            |           |
| 6. ISIP (PSI):   |            |           |
| 7. The 5-minute Shut Down Pressure (PSI):  |            |           |
| 8. Treatment Company Contact Information:  |            |           |

Company Name:

Contact Information:

Operator/Technician:

### For purposes of a frac or acid treatment

*Formation Fracture Pressure (FFP)* - The pressure necessary to initiate a fracture in intact rock.

*Treating Pressure* - The average wellhead pressure recorded during fracture propagation or the average wellhead pressure recorded while performing an acid treatment.

*Shut-down Pressure* - Pressure recorded at the time the pumps are shut-down.

*Instantaneous Shut-In Pressure (ISIP)* - The wellhead pressure immediately after pumps are shut down following a fracture treatment or step rate test. The ISIP is approximately equal to the treating or shut-down pressure minus wellbore and near-wellbore friction effects.

*5-minute Shut Down Pressure* - Pressure recorded 5-minutes after the time the pumps are shut-down.

Note this form is intended to accompany an OG-3 or OG-4 application.

## Treatment Ticket

Treatment Well Reference #:

<u>Time</u> (hh:mm)	<u>Injection</u> <u>Pressure</u> (PSI)	<u>Injection</u> <u>Rate</u> (bbls/min)	<u>Running Total</u> <u>Injection</u> <u>Volume (bbls)</u>	<u>Comments/Description</u>
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