

# Oklahoma Geological Survey

## OKLAHOMA GAS AND TIGHT OIL SHALE

### COMPLETIONS DOCUMENTATION

- Record #** Sequential number assigned to each new well record.
- API Number** American Petroleum Institute well number uniquely assigned for each well from Oklahoma Corporation Commission form 1002A completion report. 35 indicates Oklahoma. Middle three numbers indicate the Oklahoma county. Last 5 numbers indicate specific well.
- Operator** Name of company that drilled the well.
- Completion Date** Date well was reported as completed on Oklahoma Corporation Commission form 1002A completion report.
- Well Name** Well number and lease name.
- Field Name** Oil or gas field name.
- Section** Numeric indicator of the section, the major subdivision of the Township and Range system. The number refers to an approximately one square mile unit numbered from 1 through 36.  
[http://www.ogs.ou.edu/pdf/T&R\\_Reference\\_Map.pdf](http://www.ogs.ou.edu/pdf/T&R_Reference_Map.pdf)  
<http://www.ogs.ou.edu/pubsscanned/EP7.pdf>
- Township Number** Land survey subdivision by the U.S. Bureau of Land Management assigning a township number to a square area that is essentially six miles square. Each township is north or south of a Base Line (a chosen standard parallel of latitude).
- Township Direction** Land survey subdivision by the U.S. Bureau of Land Management assigning a township direction north or south of a Base Line (a chosen standard parallel of latitude).
- Range Number** Land survey subdivision by the U.S. Bureau of Land Management assigning a township number to a square area that is essentially six miles square.
- Range Direction** Land survey subdivision by the U.S. Bureau of Land Management assigning a township direction east or west of the Indian Meridian (in Oklahoma).
- 1st Quarter** Alpha information describing the subdivision of the Section. The four subdivisions (based on quartering of the next larger unit) permit the identification of the 2.5-acre quarter in which the data point is located. Information is recorded from the smallest to largest of the subdivisions from left to right. 1st quarter describes the location of the 160-acre quarter (if four quarters are listed).
- 2nd Quarter** Describes the location of the 40-acre quarter (if four quarters are listed).
- 3rd Quarter** Describes the location of the 10-acre quarter (if four quarters are listed).
- 4th Quarter** Describes the location of the 2.5-acre quarter (if four quarters are listed).

**County** County name in which the surface of the well is located.

**Shale Formation** Name of shale (e.g., Woodford) perforated.

**Depth (feet)** Vertical depth (in feet) to top of shale perforation.

**Depth Range (feet)** Vertical depth range to top and bottom of shale perforation.

**Second Depth Interval (feet)** Vertical depth range to top and bottom of second shale perforated.

**Third Depth Interval (feet)** Vertical depth range to top and bottom of third shale perforated.

**Initial Potential (MCFD)** Initial potential gas rate reported on Oklahoma Corporation Commission form 1002A completion report in thousand cubic feet of gas per day.

**Water (BWPD)** Initial water rate reported on Oklahoma Corporation Commission form 1002A completion report in barrels of water per day.

**ISIP** Initial Shut In Pressure in PSI.

**SITP/SICP** Shut In Tubing Pressure or Shut In Casing Pressure in PSI.

**FTP/FCP** Flowing Tubing Pressure or Flowing Casing Pressure in PSI.

**IP OIL/COND** Initial Potential Oil or Condensate rate reported on Oklahoma Corporation Commission form 1002A completion report in barrels of oil per day.

**API GRAVITY** API gravity reported on Oklahoma Corporation Commission form 1002A completion report in API degrees.

**GOR** Gas to oil ratio reported on Oklahoma Corporation Commission form 1002A completion report.

**Comments** Alphanumeric information supplemental to any of the elements for the described rock unit. OWWO is old well workover well.

**Lateral Length (ft)** Length (in feet) of horizontal lateral perforated interval.

**PI Newsletter Date** Date of PI Dwights/IHS Energy Information Completions Report consulted for Oklahoma Corporation Commission form 1002A completion report data.

**Latitude/Longitude** Numeric indicator of Latitude and Longitude, in decimals (using NAD 83 as datum).