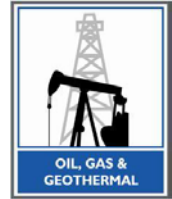




# Oil & Gas Wells Metadata

California Department of Conservation  
Division of Oil, Gas, and Geothermal Resources



**DISCLAIMER:** The database information may change without notice. The Department of Conservation makes no warranties, whether expressed or implied, as to the suitability of the product for any particular purpose. Any use of this information is at the user's own risk.

DOGGR Well data are updated on the daily basis. These are provided in both shapefile (.shp) and csv formats. Wells location values are collected using a sub-meter accurate gps receiver.

**Projected Coordinate System:** Data in shapefile format are projected in NAD83 California (Teal) Albers (Meters).

**Data Attributes:** API Number, Well Number, Well Status, GIS Symbol, Operator Code, Operator Name, Lease Name, Field Name, Area Name, District, County, Section, Township, Range, Base Meridian, Latitude, Longitude, Elevation, Total Depth, Redrill Footage, Redrill Cancel Flag, Location Description, Comments, GIS Source Code, Dry Hole, Confidential Well, Directionally Drilled, Hydraulically Fractured, BLM Well, EPA Well, Spud Date, Completion Date, Abandoned Date

## **DATA DEFINITIONS:**

**API:** (API Number) Unique, permanent number assigned to each well as standardized by the American Petroleum Institute.

**OpWellID:** (Operator Well ID) Well designation number assigned by the operators.

**Status:** A code identifying current well status:

- A = Active (Well has been drilled and completed)
- B = Buried (Older well not abandoned to current standards; location of well is approximate)
- I = Idle (Well is idle, not producing, but capable of being reactivated)
- N = New (Recently permitted well; in the process of being drilled)
- P = Plugged & Abandoned (Well has been plugged and abandoned to current standards)
- U = Unknown (Well status not known; mostly older, pre-1976 wells)

**Type:** Code identifying well types:

- AI = Air Injector
- DG = Dry Gas
- GD = Gas Disposal
- DH = Dry Hole

- GS = Gas Storage
- LG = Liquid Gas
- OB = Observation
- OG = Oil & Gas
- PM = Pressure Maintenance
- SC = Cyclic Steam
- SF = Steam Flood
- WD = Water Disposal
- WF = Water Flood
- WS = Water Source

**OpCode:** (Operator Code) Code identifies the operator.

**OpName:** (Operator Name) Name of operator.

**LeaseName:** Name of Oil & Gas lease.

**FieldName:** Name of the oil and gas field.

**AreaName:** Name of area.

**District:** DOGGR District number.

**County:** County name.

**Section:** Public Land Survey System Section number.

**Township:** Public Land Survey System Township.

**Range:** Public Land Survey System Range.

**Bmeridian:** (Base Meridian) Principle meridians required for all California surveys; defines PLSS base

- H = Humboldt
- MD = Mount Diablo
- SB = San Bernardino

**Latitude:** Latitude in NAD83 coordinate system.

**Longitude:** Longitude in NAD83 coordinate system.

**Elevation:** Surface elevation of well in feet.

**TotalDepth:** Measured depth of well bore in feet.

**RedrillFt:** Redrilled depth (new footage depth).

**RedCanFlag:** (Redrill Cancel Flag) Sequential numbers indicating the frequency of re-drills for a well.

**Location:** Location description.

**Comments:** Notes or comments

**GISSource:** (GIS Source Code) Code indicating the method by which the well location was established

- GPS = Global Positioning System (Coordinates derived from Division staff and Trimble GPS unit)
- OPR = Operator (Coordinates provided by Operator via electronic format; ex. Excel, db, etc.)
- SUM = Well Summary Report (Coordinates provided by Operator, post-drilling, on SUM)
- NOI = Notice of Intent to Drill (Coordinates provided by Operator, pre-drilling, on NOI)
- DOQ = Digital Ortho Quad (Coordinates derived from aerial imagery)
- MIP = MapInfo Plotted (Coordinates generated from tool in MapInfo using corner call locations)
- HUD = Heads Up Digitized (Coordinates derived from scanned, georeferenced Mylar maps)

**DryHole:** (Dry Hole) Well never produced commercial quantities of hydrocarbons:

- N = Not a Dry Hole
- Y = Is a Dry Hole

**ConfWell:** (Confidential Well) Subsurface information for well is held confidential for a period of two years pursuant to Public Resources Code section 3234.

**DirDrill:** (Directionally Drilled) Indicator of whether well was directionally drilled.

- NULL for confidential wells

**HydFrac:** (Hydraulically Fractured) Indicator of whether well received hydraulic stimulation treatment;

- N = Well did not receive hydraulic stimulation treatment
- Y = Well received hydraulic stimulation treatment

**BLMWell:** (BLM Well) Bureau of Land Management exercises jurisdiction of well

- N = Not a BLM well
- Y = Is a BLM well

**EPAWell:** (EPA Well) Environmental Protection agency exercises jurisdiction of well

- N = Not an EPA well
- Y = Is an EPA well

**SpudDate:** (Spud Date) Date on which well drilling commenced

**CompDate:** (Completion Date) Date on which wellhead oil & gas production equipment was installed

**AbdDate:** (Abandoned Date) Date on which well was plugged & abandoned to Division standards

**URL:** DOGGR URL link for well records