

Appendix E

Location Method Codes

The location of a well or FMP is defined by a two-digit location method code and a location description. The location method code identifies the location of the entity, and is used on the FMP Confirmation Report. Location methods are coded as shown below.

| Location method code | Location method |
|----------------------|---|
| 00 | Other (including metes and bounds, X and Y coordinate system, Texas Survey, and physical onshore locations) |
| 01 | Quarter-quarter-section-township-range-meridian |
| 02 | Offshore area and block |
| 03 | Latitude and longitude |

E.1 Location Method Code 00 – Other

This method is used for locations not covered by codes 01, 02, and 03; for example, metes and bounds, X and Y coordinate system, Texas Survey, and actual descriptive locations (city and State).

E.2 Location Method Code 01 – Quarter-Quarter-Section-Township-Range-Meridian

This method identifies most onshore wells and FMPs. It has the following format:

| Quarter of a quarter | Quarter of a section | Section | Township | Range | Meridian |
|----------------------|----------------------|---------|----------|-------|----------|
| XX | XX | 999 | 999XX | 999XX | 99 |

NOTE

The number 9 denotes numbers; the letter X denotes letters or numbers.

The following terms are used to describe location.

Quarter of a quarter

One sixteenth of a section. Each quarter of a quarter section is 40 acres. The

designations are NE, NW, SW, and SE.

Quarter of a section

One fourth of a section, divided north/south and east/west through its center. The designations are NE, NW, SW, and SE. Each quarter section is 160 acres.

Section

The subdivision of a range that contains 36 sections equaling 6 square miles.

Range

Denotes the east/west division numbered from a principal meridian of the survey of U.S. public lands. Each division consists of a row of townships that are numbered north or south from a baseline.

Meridian

A series of two-digit codes established by BLM, as defined in Table E-1 below.

Table E-1 Meridian codes

| Code | Name | Location |
|------|--------------------------|---|
| 01 | 1st Principal | Ohio, Indiana |
| 02 | 2nd Principal | Indiana, Illinois |
| 03 | 3rd Principal | Illinois |
| 04 | 4th Principal | Illinois |
| 46 | 4th Principal (extended) | Wisconsin, Minnesota |
| 05 | 5th Principal | Arkansas, Iowa, Minnesota, Missouri, North Dakota, South Dakota |
| 06 | 6th Principal | Colorado, Kansas, Nebraska, South Dakota, Wyoming |
| 07 | Black Hills | South Dakota |
| 08 | Boise | Idaho |
| 09 | Chickasaw | Mississippi |
| 10 | Choctaw | Mississippi |
| 11 | Cimarron | Oklahoma |
| 12 | Copper River | Alaska |
| 13 | Fairbanks | Alaska |

Table E-1 Meridian codes (cont.)

| Code | Name | Location |
|------|---------------------|----------|
| 14 | Gila and Salt River | Arizona |

| | | |
|----|--------------------------|----------------------|
| 15 | Humboldt | California |
| 16 | Huntsville | Alabama |
| 17 | Indiana | Oklahoma |
| 18 | Louisiana | Louisiana |
| 19 | Michigan | Michigan |
| 20 | Principal | Montana |
| 21 | Mount Diablo | California |
| 22 | Navajo | Arizona |
| 23 | New Mexico Principal | New Mexico, Colorado |
| 24 | St. Helena | Mississippi |
| 25 | St. Stephens | Alabama, Mississippi |
| 26 | Salt Lake | Utah |
| 27 | San Bernardino | California |
| 28 | Seward | Alaska |
| 29 | Tallahassee | Florida |
| 30 | Uintah | Utah |
| 31 | Ute | Colorado |
| 32 | Washington | Mississippi |
| 33 | Willamette | Oregon, Washington |
| 34 | Wind River | Wyoming |
| 35 | Ohio River Survey | Ohio |
| 36 | Between the Miami Rivers | Ohio |
| 37 | Muskingum River | Ohio |
| 38 | Ohio River Base | Ohio |
| 39 | First Scioto River | Ohio |
| 40 | Second Scioto River | Ohio |
| 41 | Third Scioto River | Ohio |
| 42 | Ellicott's Line | -- ¹ |

¹ Ellicott's Line is the name of the Ohio-Pennsylvania boundary. No townships are referenced to Ellicott's Line; it is included for compatibility with BLM.

Table E-1 Meridian codes (cont.)

| Code | Name | Location |
|------|--------------------|----------|
| 43 | Twelve-Mile Square | Ohio |

Appendix E Location Method Codes

| | | |
|----|-------------------------------|-----------------|
| 44 | Kateel River | Alaska |
| 45 | Umiat | Alaska |
| 47 | West of the Great Miami River | Ohio |
| 48 | U.S. Military Survey | Ohio |
| 91 | Conn. Western Reserve | Ohio |
| 92 | Ohio Co. Purchase | Ohio |
| 99 | Not Public Land Survey | -- ² |

² Code 99 is included for compatibility with BLM. It refers to either the original 13 States, Texas, or a U.S. Territory.

Values for quarter of a quarter and quarter of a section

The following methods describe a quarter of a quarter and a quarter of a section:

- All quarter-quarter; for example, NE, NW, SE, SW
- Center of northeast quarter; for example, CE-NE
- Center of a section; for example, CE-SC
- North half of a southeast quarter; for example, NH-SE
- Center of the north half of a section; for example, CE-NH

NOTE

Half designation can only be used in the Quarter of a Section field.

For irregular sections, the use of lots or tracts may be appropriate for the quarter of a quarter. These should be entered as **LT** and then the lot number for lots (for example, LT-05 for lot 5) or as **TR** and the tract number for tracts (for example, TR-05 for tract 5).

When using the New Mexico Grid System, the Quarter of a Quarter field should be filled in with **NM**, and the Quarter of a Section field should be filled in with **G** followed by the grid alphabetic character (use **A** for northeast quarter of the northeast quarter). For example, NM-GA for the northeast quarter of the northeast quarter.

Acceptable values for township and range

The following methods of describing a township and range are acceptable:

- Full township and range; for example, township 10N, range 101W is written 10N-101W
- Half township and range; for example, township 10 1/2N, range 101 1/2W is written 10HN-101HW

E.3

Location Method Code 02 – Offshore Area and Block

This method identifies the offshore area, block, and platform (when available). The OCS is divided into areas subdivided into blocks. Offshore area codes are listed in Table E-2 below.

This method code has the following format:

| Area | Block | Platform (optional) |
|------|-------|---------------------|
| XX | 9999X | XX |

NOTE

The number 9 denotes numbers; the letter X denotes letters or numbers.

Table E-2 Offshore area codes

Gulf of Mexico Offshore Area Names

| Area code | Area name |
|-----------|------------------------------|
| AC | Alaminos Canyon |
| AP | Apalachicola |
| AT | Atwater |
| BA | Brazos |
| AM | Bay Marchand |
| BS | Breton Sound |
| CA | Chandeleur Area |
| CC | Corpus Christi |
| CH | Charlotte Harbor |
| CP | Coon Point (this is a field) |
| CS | Chandeleur Sound |
| DC | DeSoto Canyon |
| DD | Destin Dome |

Table E-2 Offshore area codes (cont.)*Gulf of Mexico Offshore Area Names*

| Area code | Area name |
|------------------|------------------------------------|
| DT | Dry Tortugas |
| EB | East Breaks |
| EC | East Cameron |
| EI | Eugene Island |
| EL | The Elbow |
| EW | Ewing Bank |
| FM | Floridian Middle Ground |
| GA | Galveston |
| GB | Garden Banks |
| GC | Green Canyon |
| GI | Grand Isle |
| GV | Gainesville |
| HE | Henderson |
| HH | Howell Hook |
| HI | High Island |
| KC | Kethley Canyon |
| KW | Key West |
| LL | Lloyd |
| LP | Lighthouse Point (this is a field) |
| LU | Lund |
| MA | Miami |
| MC | Mississippi Canyon |
| MI | Matagorda Island |
| MO | Mobile |
| MP | Main Pass |
| MQ | Marquesas |
| MU | Mustang Island |
| PB | St. Petersburg |
| PE | Pensacola |
| PI | Port Isabel |
| PL | South Pelso |
| PN | North Padre Island |
| PR | Pulley Ridge |
| PS | South Padre Island |
| RK | Rankin |
| SA | Sabine Pass (Louisiana) |

Table E-2 Offshore area codes (cont.)***Gulf of Mexico Offshore Area Names (cont.)***

| Area code | Area name |
|------------------|-------------------------------|
| SM | South Marsh Island |
| SP | South Pass |
| SS | Ship Shoal |
| ST | South Timbalier |
| SX | Sabin Pass (Texas) |
| TP | Tarpon Springs |
| TS | Tiger Shoal (this is a field) |
| VB | Vernon Basin |
| VK | Viosca Knoll |
| VN | Vernon |
| VR | Vermilion |
| WC | West Cameron |
| WD | West Delta |
| WI | Wild |
| WR | Walker Ridge |

Pacific Offshore Area Names

| Area code | Area name |
|------------------|---------------------|
| 6A | Channel Islands |
| 6B | Channel Islands |
| 6C | Channel Islands |
| 6D | Channel Islands |
| 6E | Channel Islands |
| AG | Arguello Fan |
| AN | Astoria Fan |
| AS | Astoria Canyon |
| BC | Bodega Canyon |
| BE | Beta |
| BK | Bushnell Knoll |
| BS | Blanco Saddle |
| CB | Coos Bay |
| CC | Crescent City |
| CD | Cape Disappointment |
| CF | Cape Flattery |
| CH | Copalis Beach |
| CL | Cape Blanco |
| CN | Cascadia Basin |
| CR | Carpinteria |

Table E-2 Offshore area codes (cont.)*Pacific Offshore Area Names*

| Area code | Area name |
|------------------|-------------------|
| DB | Daisy Banks |
| DF | Delgada Fan |
| DS | Dos Cuadros |
| EK | Eureka |
| ER | Escanaba Ridge |
| ET | Escanabe Trough |
| HO | Hondo |
| HU | Huene |
| MB | Monterey Bay |
| MF | Monterey Fan |
| NC | Noyo Canyon |
| NP | Newport |
| NV | Navarro Canyon |
| PI | Petas Point |
| PP | Point Pedernales |
| SC | Santa Cruz |
| SE | San Clemente |
| SF | San Francisco |
| SI | Santa Rosa Island |
| SL | San Luis Obispo |
| SM | Santa Maria |
| SN | Santa Clara |
| SR | Santa Rosa |
| TB | Tillamook Bay |
| TR | The Rampart |
| TS | Taney Seamount |
| UK | Ukiah |
| VG | Vancouver Gap |

Atlantic offshore area names

| Area code | Area name |
|------------------|------------------|
| BA | Bath |
| BC | Baltimore Canyon |
| BA | Bath |
| BC | Baltimore Canyon |
| BF | Beaufort |
| BG | Bangor |
| BH | Bahamas |

Table E-2 Offshore area codes (cont.)*Atlantic Offshore Area Names*

| Area code | Area name |
|------------------|---------------------|
| BI | Block Island Shelf |
| BL | Block Canyon |
| BM | Bimini |
| BN | Brunswick |
| BO | Boston |
| BR | Baltimore Rise |
| BS | Blake Spur |
| CF | Cape Fear |
| CH | Chatham |
| CL | Cashes Ledge |
| CS | Currituck Sound |
| CT | Chincoteague |
| DB | Daytona Beach |
| DT | Dry Tortugas |
| EA | Eastport |
| FP | Fort Peirce |
| FR | Fundian Rise |
| GT | Georgetown |
| HF | Hartford |
| HH | Harrington Hill |
| HO | Hoyt Hills |
| HU | Hudson Canyon |
| HY | Hydrographer Canyon |
| JC | Jacksonville |
| JI | James Island |
| KW | Key West |
| LC | Lydonia Canyon |
| MA | Manteo |
| MI | Miami |
| MS | McAlinden Spur |
| NY | New York |
| OR | Orlando |
| PO | Portland |
| PR | Providence |
| RH | Richardson Hills |
| SA | Salisbury |

Table E-2 Offshore area codes (cont.)

Atlantic Offshore Area Names

| Area code | |
|-----------|-------------------|
| SM | Stetson Mesa |
| SV | Savannah |
| VC | Veach Canyon |
| WC | Wilmington Canyon |
| WI | Wilmington |
| WK | Walker Cay |
| WP | West Palm Beach |

Alaska Offshore Area Names

| Area code | |
|-----------|-----------------------------|
| AB | Albatross Bank |
| AF | Afognak |
| AK | Gulf of Alaska |
| AV | Alsek Valley |
| BF | Beaufort Sea |
| BI | Barter Island |
| BP | Beechey Point |
| CH | Chignik |
| CI | Cook Inlet/Shelikof Straits |
| CK | Chukchi Sea |
| DB | Davidson Bank |
| DI | Dease Inlet |
| DP | Demarcation Point |
| FI | Flaxman Island |
| HB | Harrison Bay |
| IB | Icy Bay |
| IL | Iliamna |
| MI | Middleton Island |
| NA | North Aleutian Shelf |
| NB | Navarian Basin |
| NO | Nome |
| NS | Norton Sound |
| SE | Seldovia |
| SG | St. George Basin |
| SM | St. Michael |
| UK | State |
| TE | Teshkepuk |
| UK | Unknown |

E.4 Location Method 03 – Latitude and Longitude

This method describes a location in terms of its latitude and longitude on the earth's surface. It has the following format.

| Latitude | | | Longitude | | |
|----------|---------|---------|-----------|---------|---------|
| Degrees | Minutes | Seconds | Degrees | Minutes | Seconds |
| 99 | 99 | 99 | 999 | 99 | 99 |

For example, a well's location could be 70 15' 00" latitude and 80 1' 00" longitude. This location would be written 70-15-00-80-01-00.