

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

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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

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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

Area code	Area name
<i>Gulf of Mexico offshore area names</i>	
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.)

Area code	Area name
<i>Gulf of Mexico offshore area names (cont.)</i>	
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.)

Area code	Area name
<i>Gulf of Mexico offshore area names (cont.)</i>	
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
<i>Pacific offshore area names</i>	
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.)

Area code	Area name
<i>Pacific offshore area names (cont.)</i>	
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
<i>Atlantic offshore area names</i>	
BA	Bath
BC	Baltimore Canyon
BA	Bath
BC	Baltimore Canyon
BF	Beaufort
BG	Bangor
BH	Bahamas

Table E-2 Offshore area codes (cont.)

Area code	Area name
<i>Atlantic offshore area names (cont.)</i>	
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.)

Area code	Area name
<i>Atlantic offshore area names (cont.)</i>	
SM	Stetson Mesa
SV	Savannah
VC	Veach Canyon
WC	Wilmington Canyon
WI	Wilmington
WK	Walker Cay
WP	West Palm Beach
<i>Alaska offshore area names</i>	
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	Teshekpuk
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.