

PDMS Well Symbols Table

Symbol Scheme

A graphic symbol is used to indicate the location and "designation" of a well on IGS maps. The **IGS Petroleum Well Symbols** are similar to those used in the petroleum industry and by other geological surveys, although no recognized standard exists.

A well's Symbol designation is based on its status and history. The symbol scheme employs a set of basic symbols to which "modifiers" can be added to impart additional information. This scheme is explained in the [IGS Petroleum Well Symbol Explanation](#).

Symbol Codes

Each graphic **symbol** corresponds to a **Symbol Code** labeled **Symbol** in a well's [Well Header](#). The meanings of the symbols and their associated symbol codes are shown in the table below.

Symbol Code	Symbol	ASCII	Description
AGAS	⌘	R	abandoned gas
AGAS-C	⌘	o	abandoned gas, completion type uncertain
AGAS-L	⌘	d	abandoned gas, location uncertain
AGAS-LC	⌘	x	abandoned gas, location and completion type uncertain
AGS	⌘	T	abandoned gas storage
AGSG	⌘	;	abandoned gas storage and gas
AGSO	⌘	-	abandoned gas storage and oil
AOAG	⌘	S	abandoned oil and gas
AGS-LC	⌘	z	abandoned gas storage, location and completion type uncertain
AOAG-C	⌘	p	abandoned oil and gas, completion type uncertain
AOAG-L	⌘	e	abandoned oil and gas, location uncertain
AOAG-LC	⌘	y	abandoned oil and gas, location and completion type uncertain
AOBS	⌘	V	abandoned observation
AOIL	⌘	Q	abandoned oil
AOIL-C	⌘	n	abandoned oil, completion type uncertain
AOIL-L	⌘	c	abandoned oil, location uncertain
AOIL-LC	⌘	w	abandoned oil, location and completion type uncertain
ASWD	⌘	W	abandoned salt water disposal
ASWDG	⌘	_	abandoned salt water disposal formerly gas
ASWD-LC	⌘	3	abandoned salt water disposal, location and completion type uncertain
ASWDO	⌘	=	abandoned salt water disposal formerly oil
AWD	⌘	X	abandoned waste disposal
AWD-L	⌘	j	abandoned waste disposal, location uncertain
AWI	⌘	U	abandoned water injection
AWI-C	⌘	r	abandoned water injection, completion type uncertain
AWIG	⌘	:	abandoned gas and water injection
AWI-L	⌘	g	abandoned water injection, location uncertain
AWIO	⌘	(abandoned oil and water injection
AWIOG	⌘)	abandoned oil and gas and water injection
BOR	○	Z	boring
CONF	▽	N	confidential

CWO	▼	!	confidential workover
DRY	⊕	P	dry hole
DRY-C	⊕	m	dry hole, completion type uncertain
DRY-L	⊕	b	dry hole, location type uncertain
DRY-LC	⊕	v	dry hole, location and completion type uncertain
EXP	*	a	expired permit
GAS	⊛	B	gas
GS	⊙	D	gas storage
GSG	⊛	6	gas storage formerly gas
GSO	●	5	gas storage formerly oil
LOC	○	M	permitted location
MAP	⊕	8	nothing known, old Trenton well from map
NPWS	⊕	K	non-potable water supply
NPWSG	⊕]]	non-potable water supply, formerly gas
NPWSO	⊕	[[non-potable water supply, formerly oil
OAG	*	C	oil and gas
OBG	⊛	} }	observation formerly gas, or observation and gas
OBGS	⊛	" "	observation formerly gas storage
OBS	⊙	H	observation
OIL	●	A	oil
PATH	□		point along the path of a deviated hole (symbol is graphic -- not a True Type font)
PWS	⊕	L	potable water supply
STRT	◇	Y	stratigraphic/structure test
STRT-L	◇	k	stratigraphic/structure test, location uncertain
SURFACE	□	{ }	surface location of deviated hole
SWD	⊛	I	salt water disposal
SWDG	⊛	9	salt water disposal formerly gas
SWDGS	⊛]	salt water disposal formerly gas storage
SWDO	⊛	0	salt water disposal formerly oil
TAGAS	⊛	f	temporarily abandoned gas
TAGS	⊛	h	temporarily abandoned gas storage
TANEW	♂	O	temporarily abandoned new well
TAOBS	♂	4	temporarily abandoned observation
TAOG	*	l	temporarily abandoned oil and gas
TAOIL	●	q	temporarily abandoned oil
TASTRT	◇	7	temporarily abandoned stratigraphic/structure test
TASWD	⊛	i	temporarily abandoned salt water disposal
TAWD	♀	u	temporarily abandoned waste disposal
TAWI	♂	s	temporarily abandoned water injection
TAWS	⊕	1	temporarily abandoned non-potable water supply
WD	♀	J	waste disposal
WI	♂	E	water injection (waterflood)
WIAG	⊛	2	water injection and gas production--dual completion
WIAO	⊛	t	water injection and oil production--dual completion
WIG	⊛	G	water injection formerly gas
WIO	⊛	F	water injection formerly oil
WIOG	⊛	+	water injection formerly oil and gas