

# WELLS DRILLED FOR HYDROCARBON, HELIUM, AND GEOTHERMAL RESOURCES; STRATIGRAPHIC INFORMATION AND SELECTED WELLS DRILLED FOR WATER

RECORDS OF WELLS DRILLED FOR HYDROCARBON, HELIUM, AND GEOTHERMAL RESOURCES, STRATIGRAPHIC INFORMATION, AND SELECTED WELLS DRILLED FOR WATER IN COCHISE COUNTY, ARIZONA

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**O&GCC Well Identification Number:** O&GCC = Oil and Gas Conservation Commission. **WW** = Arbitrary number assigned by the Commission to water wells for which data is available. **NP** = Number assigned by the Commission, normally in sequential order by County, township, range, and section, to wells drilled prior to creation of the Commission, or to wells drilled subsequently without a permit. **P** = Number of "Permit to Drill" assigned officially after creation of the Commission.

**Location:** Township, range, section and 10-acre, 40-acre, or 160-acre location within section. Some of the water well locations are subject to correction.

**Name:** Operator's name, well number, and mineral owner's name listed when known. None of this information is known for some water wells; usually the name listed is that of the operator, but in some instances it represents the drilling contractor, the mineral owner's name, the land-surface owner's name, a place-name, or a project-name.

**Completion:** Year in which the well was completed followed by the status of the well. Abbreviations used for status: C = Drilling Well; T = Temporarily Abandoned Well; D = Dry Hole; O = Oil Well; G = Gas Well; R = Geothermal Resources (including temperature gradient) Well; H = Helium Well; S = Stratigraphic Well; L = Storage Well, Liquefied Gases; and W = Water Well.

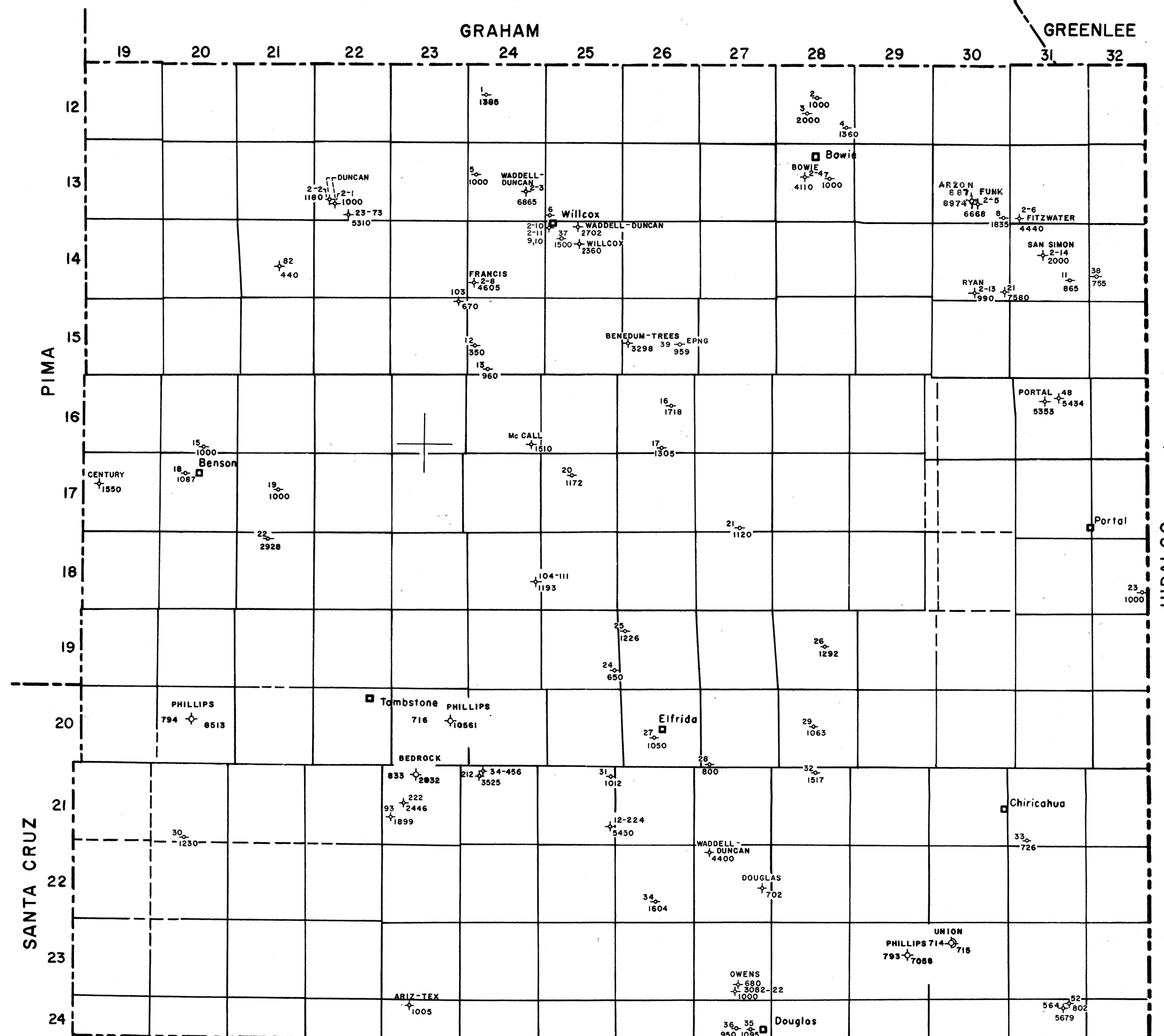
**Elevation:** Land-surface altitude (feet above mean sea-level). The derrick floor (DF) or kelly bushing (KB) elevation is shown if the ground level elevation is not available. E = Estimated elevation. Most of elevations for water wells and some wells drilled for other resources or purposes determined from United States Geological Survey topographic maps.

**Geologic Age of Rock at Bottom of Hole (Total Depth):** For most wells the geologic system only is shown.

**Geologic Material:** The existence of electric and radioactivity logs E, graphic lithologic logs L, samples of drill-bit cuttings or cores S, and lithologic descriptions D of samples are indicated by the letter "X" in the respective columns. Most of the indicated material, and supplementary information, is available for examination in the office of the Arizona Geological Survey. The reader is referred to the Arizona Department of Water Resources in Phoenix for more comprehensive information on water well data.

Note: In a few instances one symbol on the map represents two wells drilled at closely adjacent locations.

O&GCC IDENTIFICATION NUMBER	LOCATION	NAME	COM- PLETION	ELEVA- TION	TOTAL DEPTH	GEOLOGIC AGE AT TOTAL DEPTH	GEOLOGIC MATERIAL
WW	NP	P					E L S D
<b>Townships South-Ranges East</b>							
01	12S -24E -17	SW NE NE		W 4265	71835		X
02	12S -28E -15	NW SW NW	1953	W 3680	1000		
03		SW SW SE	1955	W 3715	2000		
04		SW SW SE	1955	W 3538	1360		
02-01	13S -22E -29	SE NE SE	1945	D 4953	1000	Cenozoic	
02-02		NW NW	1945	D 4852	1180	"Granite Wash" (?)	
23		E2 NE SE	1955	D 4953	1435	Cenozoic	X X
23		NE SE	1960	D 4953	5310	Cenozoic (?)	X
73		SW NE SE	1960	D 4953	2185	Cenozoic	
05	13S -24E -18	NW NE NE		W 4215	1000	Quaternary (?)	X
02-03		SW SW SE	1951	D 4210	6865	Cretaceous (?)	X X X
06	13S -25E -31	NW NE SW	1965	W 4180	71990		X X
07	13S -28E -14	NW SW		W 3770	1000		X X
02-04	13S -28E -16	SE SE NW	1925	D 3700	4110	Tertiary/Cretaceous (?)	X X
02-05	13S -30E -27	SE SE NE	1939	D 3600	6668	Cretaceous (?)	X X
887		NW NW	1995	D 3600	8974	Tert. or Cret. volc.	X X X
08		SW SW SW	1953	W 3629	1835		
02-06	13S -31E -31	NE SW SE	1951	D 3600	4440	Tert. or Cret. volc.	X X
82	14S -21E -22	SW SE NW	1960	D 4765	440	Mississippian	
02-08	14S -24E -30	NE SE SW	1950	D 4185	4605	Tertiary(?)volcanics	X X
02-09	14S -25E -04	C SW NE	1950	D 4225(?)	2702	Cenozoic volcanics	X X
09		(?)		W 955			X
10		NE		W 4165	650		
02-10		SE NE NE	1931	D 4100(?)	770	Cenozoic	
02-11		NE NE	1930	D 4100(?)	428	Cenozoic	
37		SE NW NW		W 4160	1500		X
02-12		C SE SE	1925	D 4175	2360	Cenozoic	
02-13	14S -30E -34	SE SE NW	1931	D 4100	990	Cenozoic	X
21		C S2 NE NE	1954	D 3866	7580	Cenozoic	X X
02-14	14S -31E -16	SW SE	1923	D 3675	2000	Cenozoic	
11		NE NE	1928	W 3720	865		
38	14S -32E -19	NE NE SE		W 3950(?)	(?)755		X
12	103 15S -23E -01	NW NW NW	1961	D	670	Cenozoic	
13	15S -24E -19	NW NE SW	1937	W 4275	350		
02-15	15S -26E -19	NW SE	1931	D 4250	3298	Cenozoic	X X
39		NW SW SE	1962	W	959		X
15	16S -20E -34	NW SE	1951	W	1000	Quaternary/Tertiary	X X
02-17	16S -24E -36	NW NW	1928	D 4250	1510	Tertiary/Cretaceous(?)	
16	16S -26E -14	SE SE NW		W 4365	1718		X
17		NE NE SE		W 4325	1305		
02-18	16S -31E -09	NE SW NE	1953	D 4310	5363	Tertiary(?)	X
48		E2 NE NE	1960	D 4256	5434	Tertiary(?)volcanics	X X
02-19	17S -19E -17	NW NW NE	1931	D 4250	1550	Cretaceous(?)	X
18	17S -20E -09	NW SW		W 3580(?)	1087		X
19	17S -21E -15	SW SE SW		W 4000	1000		X
20	17S -25E -09	SW NW SW	1958	W 4225	1172		
21	17S -27E -34	SE		W 4480	1120		X
22	18S -21E -04			W	2928		X
104	18S -24E -24	C SE SE	1960	D 4680	523	Cretaceous(?)	
111		W2 SE SE	1960	D 4680	1193	Cretaceous (?)	X X
23	18S -32E -26	NW NW NW	1949	W 4125	1000		
24	19S -25E -25	SW SW NE		W 4320	650		
25	19S -26E -07	NW NW SW		W 4330	1226		
26	19S -28E -15	SE		W	1292		X
794	20S -20E -16	NE NE	1982	D 4261	8513	Cretaceous sed.	X X X
716	20S -23E -14	SW SW	1981	D 4790KB	10561		X X X
27	20S -26E -21	SW		W 4125	1050		
28	20S -27E -31	SE SE SE		W 4225	800		
29	20S -28E -16	SE		W 5130(?)	1063		X
30	21S -20E -33	NW NW SE		W 4650(?)	1230		X
833	21S -23E -04	SE SE	1982	D 4581KB	2932		X X X
222		NE SE SE	1963	D 4775	2446	Paleozoic	X X X
93		NW NE SE	1961	D 4474	1899	Paleozoic	X X X
212	21S -24E -05	NW NW SE	1963	D 4742DF	3525	Cambrian	X X X
456/34		S2 NE NE	1968	D 4595	3570	Devonian Martin	X X X
31	21S -25E -01	NW SE SE	1935	W 4121	1021		
224/12		C SE NE	1963	D 4261KB	5450	Tertiary volc. & sed.	X X X
32	21S -28E -03	NE NE NW		W 4960	1517		
33	21S -31E -32	NE NW SE		W	726		X
02-24	22S -26E -27	SE NW NW		W 4030	1604	Quaternary/Tertiary	X
02-20	22S -27E -05	C SE NW	1952	D 4225	4400	Precambrian granite	X X
		SW NW NW	1948	D 4278	702	Cenozoic	X
02-21	23S -27E -27	W2 SW SE	1947	D 3950	(?)680	Cenozoic	X
30		SW NW NW	1956	D 3960	1000	Cenozoic	X
02-22		E2 NW NW	1948	D 3960	475	Cenozoic	
793	23S -29E -14	NW NW	1982	D 4295	7058	Early Cretaceous	X X X
714	23S -30E -08	NE NW	1980	R 4210	715		X X
02-23	24S -23E -04	NW NW	1945	D 4525	1005	Permian Naco	
35	24S -27E -14	NE NW SW		W 3890	1095		
36		NE NE NW		W 3933	950		
564	24S -31E -02	NE NE SW	1971	D 4340	5679	Cambrian Bolsa	X ? X
52		E2 NE NE	1958	D 4280	802	Permian Naco	



**EXPLANATION**

**OIL, GAS, STRATIGRAPHIC AND SELECTED WATER WELLS**

- Drilling
- ◇ Temporarily Abandoned
- ◇ Dry Hole
- Oil
- ★ Oil, Plugged
- ★ Gas, Flammable
- ★ Gas, Plugged
- ★ Helium Gas
- ★ Helium Gas, Plugged
- Water
- △ Stratigraphic\*
- ⊙ Disposal, Salt Water
- ⊙ Pressure Maintenance
- ⊙ Injection, Secondary Recovery
- ⊙ Storage, LPG or LNG

**GEOTHERMAL WELLS**

- ◇ Drilling
- ◇ Temporarily Abandoned
- ◇ Dry Hole
- ◇ Steam
- ★ Steam, Plugged
- ★ Hot Water
- ★ Hot Water, Plugged
- ★ Water Injection

**OIL, FLAMMABLE AND HELIUM GAS, GEOTHERMAL AND STRATIGRAPHIC WELLS**

<u>Permitted</u>	<u>Non-Permitted</u>	<u>WATER WELLS</u>
◇ 375--Number	◇ 2-15--Number	○ 30 --Number
◇ 7530----Total Depth	◇ 3515----Total Depth	○ 1015--Total Depth

\*Includes wells drilled for structural, mineral and aquifer information

**WELL LOCATION MAP**  
**COCHISE COUNTY, ARIZONA**  
ARIZONA GEOLOGICAL SURVEY  
in cooperation with  
OIL AND GAS CONSERVATION COMMISSION  
Wells Posted to March 1996

**SCALE**  
0 10 20 30