

WELLS DRILLED FOR PETROLEUM, 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 GRAHAM AND GREENLEE COUNTIES, 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. (Note: The Commission has no record of any wells drilled in Greenlee County.)

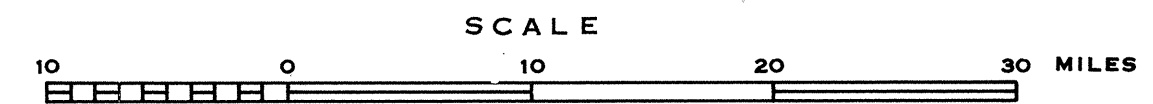
Elevation: Land-surface altitude (feet above mean sea-level). The derrick floor (DF) or Kelly Bushing (KB) elevation is shown if the ground level elevation is not available. E = Estimated elevation. Most of elevations for water wells and some wells drilled for other resources or purposes determined from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

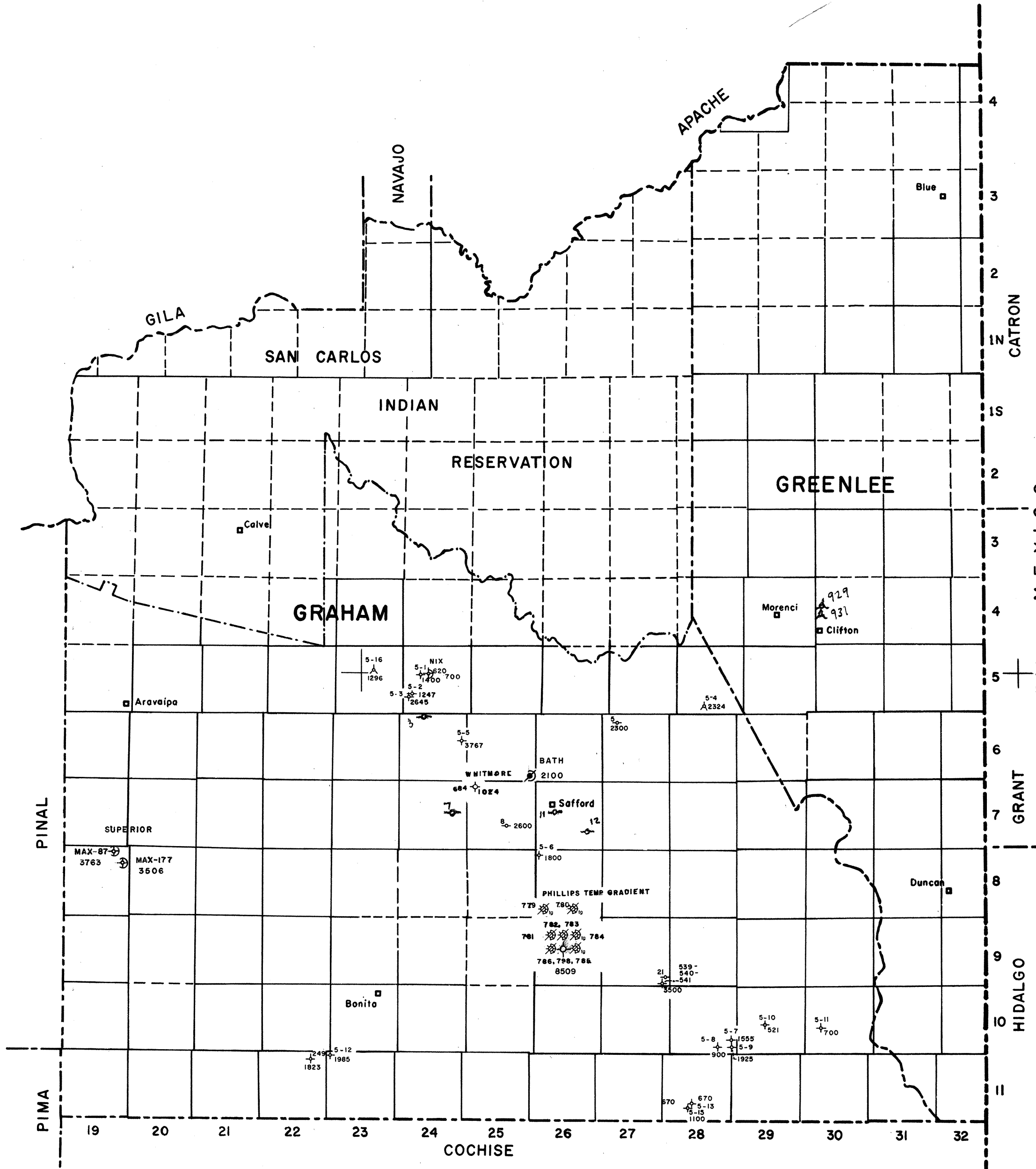
O&GCC IDENTIFICATION NUMBER	LOCATION	NAME	COMPLETION	ELEVATION	TOTAL DEPTH	GEOLOGIC AGE AT TOTAL DEPTH	GEOLOGIC MATERIAL			
WW	NP	P					E L S D			
	Townships South-Ranges East									
	04S	-30E	-18	NE SW	APS TG 1-05 Fee	2005 R 3615	635 Precambrian granite	X X		
	04S	-30E	-19	NW NW	APS TG 3-05 Fee	2005 R 3590	1000 Precambrian granite	X X		
	05-16	05S	-23E	-15	NE	Superior 1 Federal	1961 2790E	1296 Tuffaceous shale	X X	
	05-01	05S	-24E	-16	NW SW	Nix Drilling 1 State	1978 R 2810	700 Cenozoic	X X	
	05-02		-30	NE NE	Ashurst Oil 1	1928 D 2731	1247 Cenozoic	X		
	05-03		-30	SW NE	Gila Oil Syndicate 1	1931 D 2730	2645 Cenozoic	X		
	05-04	05S	-28E	-33	SE NE NE	Mining Exploration	4600	2324 Cret. or Tert. clastics		
	03	06S	-24E	-05	NE	E.G. Rogers	1934 W 2775	800 Cenozoic	X	
	05-05	06S	-25E	-36	SE NW NE	Underwriters Syndicate 1 Mack	1928 D 2780	3767 Cenozoic(?)	X X	
	05	06S	-27E	-05	SW NW SE	Smithfield Canal (Mt. Graham Min. Bath)	1957 R 2850	2160 Cenozoic Basin Fill	X X X	
							4800	2300 Cretaceous volcanics		
	07	07S	-24E	-14	SE	A.R. Evans	1934 W	1100 Pliocene(?)	X	
	08	07S	-25E	-06	SW SW	Frances Whitmore 1 State	1977 D 2975	1024 Pliocene(?)	X	
	08		-22	SE SE SE	Safford	3060	2600 Precambrian(?)	X		
	11	07S	-26E	-17	NW NE NW	Southern Pacific Railroad	1907 W 2960	1820 Quaternary	X	
	12		-26	NE NW NE	Rex Barney	W 2960	2350	Quaternary	X	
		08S	-19E	-02	NE SW SW	Superior Oil Co. Klondyke MAX-087	1970 R 4250	3763	X	
			-12	SE NW NW	Superior Oil Co. Klondyke MAX-177	1970 R 4650	3506	X		
	05-06	08S	-26E	-06	NE SE NW	Idle Oil 1 Healy	1913 D 2920E	1800		
		779		-31	SW SE	Phillips Petroleum HF-10 Federal	1961 R 3345	160	X	
		780		-34	SW SW	Phillips Petroleum HF-05 Federal	1961 R 3360	213	X	
		781	09S	-26E	-08	NE NW	Phillips Petroleum HF-01 Federal	1961 R 3430	206	X
		782		-09	NW NW	Phillips Petroleum HF-03 Federal	1961 R 3430	200	X	
		783		-09	NW SW	Phillips Petroleum HF-04 Federal	1961 R 3510	210	X	
		784		-10	SE NW	Phillips Petroleum HF-06 Federal	1961 R 3535	200	X	
		785		-15	SE NW	Phillips Petroleum HF-07 Federal	1961 R 3690	213	X	
		798		-16	NW NE	Phillips Petroleum A-1 Safford State	1962 D 3562	8509 Tertiary conglomerate	X X X	
		796		-17	NW NW	Phillips Petroleum HF-02 Federal	1961 R 3495	200	X	
		539	09S	-27E	-36	SW SW SE	Tenny 1 State	1970 D 3255	630 Cenozoic	X
		540		-36	SW SW SE	Tenny 2 State	1970 D 3255	1090 Cenozoic	X	
		541		-36	NE SE SW	Tenny 3 State	1971 D	3500 Tertiary	X X	
	05-07	10S	-28E	-25	SE SE SE	Bear Springs Oil 1 Allen	1931 D	1555 Cenozoic	X	
	05-08		-35	SW NW NE	U.S. Oil 1 Federal	1917 D	900			
	05-09		-36	SE NE NE	Whitlock Oil 1 State	1927 D 3440E	1925 Tertiary-Cret. volcanics	X		
	05-10	10S	-28E	-21	SW NE	Whitlock Oil 1 Perrod-Federal	1930 D	521 Cenozoic	X	
	05-11	10S	-30E	-20	C	U.S. Oil 1 Federal	1920 D	71555 Cenozoic		
	249	11S	-22E	-02	C SE SE	Ram Oil 1 Sierra Bonita	1965 D 4425	1823 Cenozoic	X X	
	05-12	11S	-23E	-06	SW NE NW	Hooker 1 Sierra Bonita	1930 D 4390E	1985 Cenozoic	X	
	05-13	11S	-28E	-28	NW SW NE	Bear Springs Oil 1 Finn	1928 D	670 Cenozoic	X	
	05-15			-28		Perry Howle 1	1912 D	1100 Cenozoic	X	



WELL LOCATION MAP  
 GRAHAM AND GREENLEE COUNTIES, ARIZONA

ARIZONA GEOLOGICAL SURVEY  
 in cooperation with  
 OIL AND GAS CONSERVATION COMMISSION

Wells Posted to October 2005



- EXPLANATION
- Well Symbols - Petroleum, Helium, and Water
- Location or Drilling
  - ◊ Temporarily Abandoned
  - ⊖ Dry Hole
  - Oil
  - ⊖ Oil, Plugged
  - ⊖ Gas, Flammable
  - ⊖ Gas, Flammable, Plugged
  - ⊖ Gas, Helium, Temporarily Abandoned
  - ⊖ Gas, Helium
  - ⊖ Gas, Helium, Plugged
  - ⊖ Stratigraphic\*
  - ⊖ Disposal, Salt Water
  - ⊖ Pressure Maintenance
  - ⊖ Injection, Secondary Recovery
  - ⊖ Storage, LPG or LNG
  - ⊖ Water
- Well Symbols - Geothermal
- ⊖ Location or Drilling
  - ⊖ Temporarily Abandoned
  - ⊖ Dry Hole
  - ⊖ Steam
  - ⊖ Steam, Plugged
  - ⊖ Hot Water
  - ⊖ Hot Water, Plugged
  - ⊖ Water Injection

O&GCC IDENTIFICATION NUMBER---19  
 2656---Total Depth

\* Principally holes drilled for stratigraphic information pertaining to petroleum or water resources, but includes some holes drilled for metallic mineral information.

