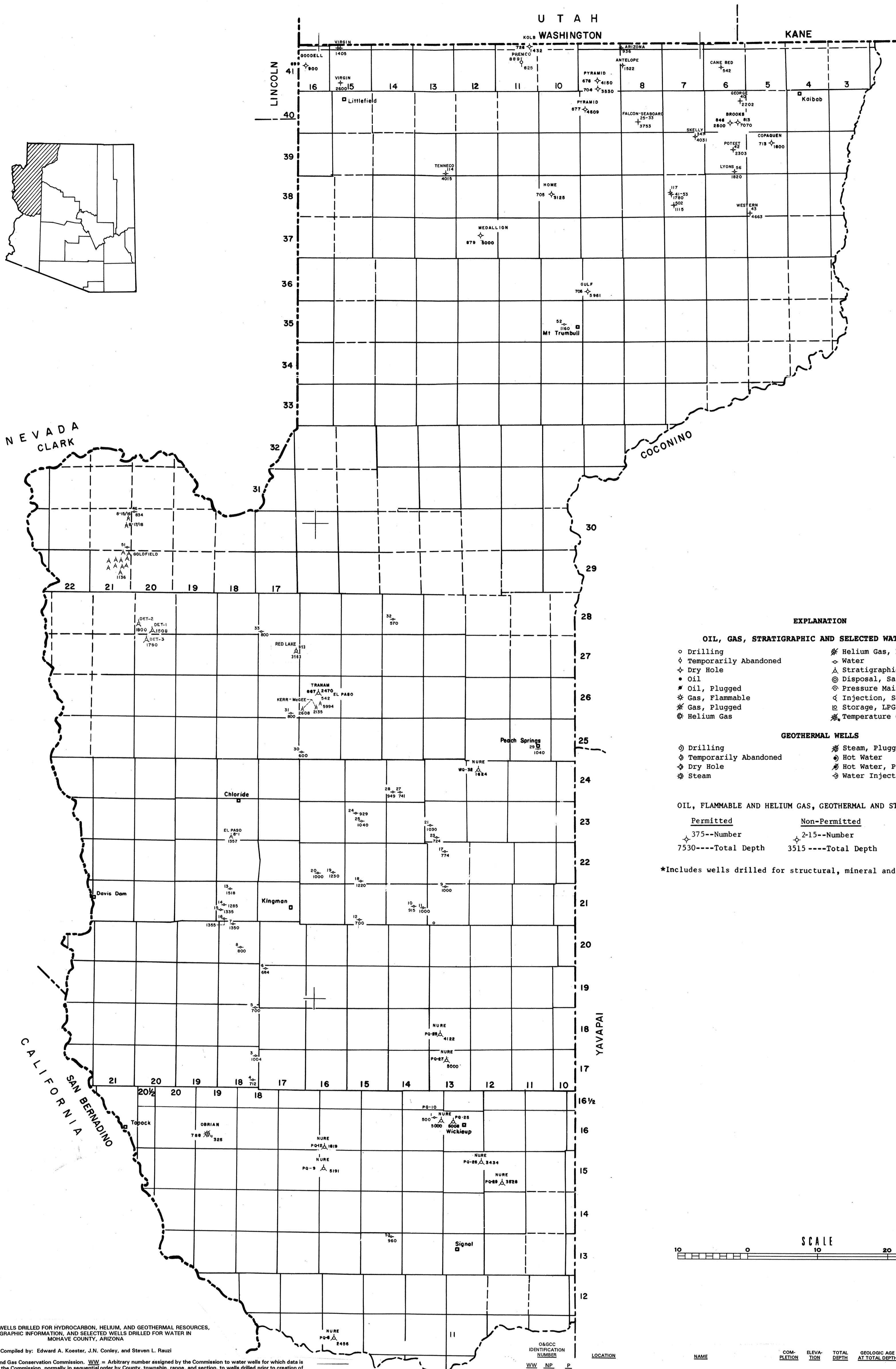


WELLS DRILLED FOR HYDROCARBON, HELIUM, AND GEOTHERMAL RESOURCES; STRATIGRAPHIC INFORMATION AND SELECTED WELLS DRILLED FOR WATER



- EXPLANATION**
- OIL, GAS, STRATIGRAPHIC AND SELECTED WATER WELLS**
- Drilling
 - ◇ Temporarily Abandoned
 - ◇ Dry Hole
 - Oil
 - Gas, Flammable
 - Gas, Flammable
 - Helium Gas
 - Helium Gas, Plugged
 - Water
 - ▲ Stratigraphic*
 - ⊙ Disposal, Salt Water
 - ⊙ Pressure Maintenance
 - ⊙ Injection, Secondary Recovery
 - ⊙ Storage, LPG or LFG
 - ⊙ Temperature Gradient, Plugged
- 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



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

Compiled by: Edward A. Koester, J.N. Conley, and Steven L. Ruzsi

OGCC Well Identification Number: OGCC = 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 denick 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 resistivity logs E, graphic lithologic logs L, 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.

OGCC IDENTIFICATION NUMBER	LOCATION	NAME	COM- PLETION	ELE- VATION	TOTAL DEPTH	GEOLGIC AGE AT TOTAL DEPTH	GEOLGIC MATERIAL	E	L	S	D
53	11N-16W-20 SW SE NE	NURE PQ-08	1979	S 840	2458	Chlorite Schist	X	X			
01	16N-13W-08 NW SW NE	NURE PQ-25	1979	S 2360	5008	Tertiary sediments	X	X			
02	18N-16W-31 C SE SE	NURE PQ-12	1979	S 2450	1919	Granite wash	X	X			
03	17N-13W-09 SW NE NE	NURE PQ-27	1979	S 2606	5000	Granite wash	X	X			
04	18N-18W-01 SE SW SE	NURE PQ-28	1979	S 2820	4122	Precambrian granite	X	X			
05	18N-17W-06 NW SW NE	NURE PQ-28	1903	W 2600	684	Tertiary					
06	20N-18W-04 NE NW NW	NURE PQ-28	1963	W 2521	1350	Tertiary					
07	21N-13W-31 NE NE SE	NURE PQ-29	1961	W 3000	1000	Tertiary					
08	20N-18W-04 NE NW NW	NURE PQ-29	1963	W 2500	900	Tertiary					
09	21N-13W-31 NE NE SE	NURE PQ-29	1961	W 3000	1000	Tertiary					
10	21N-14W-23 NW NW NW	NURE PQ-29	1963	W 3800	1000	Tertiary					
11	21N-15W-33 NW NW NW	NURE PQ-29	1963	W 3800	1000	Tertiary					
12	21N-16W-09 NW NW NW	Sacramento Water	1962	W 2860	1518	Tertiary					
13	21N-16W-09 NW NW NW	Sacramento Water	1962	W 2860	1518	Tertiary					
14	21N-16W-09 NW NW NW	Sacramento Water	1962	W 2860	1518	Tertiary					
15	21N-16W-09 NW NW NW	Sacramento Water	1962	W 2860	1518	Tertiary					
16	21N-16W-09 NW NW NW	Sacramento Water	1962	W 2860	1518	Tertiary					
17	22N-12W-08 SW NE NE	NURE WQ-32	1944	W 3353	741	Precambrian granite	X	X			
18	22N-12W-08 SW NE NE	NURE WQ-32	1944	W 3353	741	Precambrian granite	X	X			
19	22N-12W-08 SW NE NE	NURE WQ-32	1944	W 3353	741	Precambrian granite	X	X			
20	22N-12W-08 SW NE NE	NURE WQ-32	1944	W 3353	741	Precambrian granite	X	X			
21	23N-13W-19 SE SE NE	El Paso Natural Gas 1 Christmas Tree	1968	S 3352	1357	Tertiary	X				
22	23N-13W-19 SE SE NE	El Paso Natural Gas 1 Christmas Tree	1968	S 3352	1357	Tertiary	X				
23	23N-13W-19 SE SE NE	El Paso Natural Gas 1 Christmas Tree	1968	S 3352	1357	Tertiary	X				
24	23N-13W-19 SE SE NE	El Paso Natural Gas 1 Christmas Tree	1968	S 3352	1357	Tertiary	X				
25	23N-13W-19 SE SE NE	El Paso Natural Gas 1 Christmas Tree	1968	S 3352	1357	Tertiary	X				
26	23N-13W-19 SE SE NE	El Paso Natural Gas 1 Christmas Tree	1968	S 3352	1357	Tertiary	X				
27	24N-12W-08 SW NE SE	NURE WQ-32	1979	S 4323	1624	Precambrian granite	X	X			
28	24N-14W-28 SW NW SE	NURE WQ-32	1944	W 3353	741	Precambrian granite	X	X			
29	24N-14W-28 SW NW SE	NURE WQ-32	1944	W 3353	741	Precambrian granite	X	X			
30	25N-11W-26 SE NW NW	AT&SF RR 1 Peach Springs	1924	W 4795	1040	Precambrian(?)					
31	25N-11W-26 SE NW NW	AT&SF RR 1 Peach Springs	1924	W 4795	1040	Precambrian(?)					
08-02	867 26N-16W-16 NE NE NE	Trans Energy 1 Red Lake	1989	S 2780	2470	Tertiary(?) salt	X	X	X		
08-03	542 26N-16W-22 C S2 SW	El Paso Natural Gas 1 Red Lake Federal	1970	S 2804	5994	Tertiary(?) salt	X	X			
08-03	1968 28N-16W-22 NE NE NE	Kerr McGee 2 Red Lake	1968	S 2810	2135	Tertiary(?) salt	X	X			
08-03	30 SE SE SE	Kerr McGee 1 Red Lake	1968	S 2800E	2608	Tertiary(?) salt	X	X			
08-03	26N-17W-35 NE NE NE	Leonard Well	1957	W 1775	900	Tertiary(?) salt	X	X			

WELL LOCATION MAP MOHAVE COUNTY, ARIZONA ARIZONA GEOLOGICAL SURVEY in cooperation with OIL AND GAS CONSERVATION COMMISSION Wells Posted to March 2003