

OIL AND NATURAL GAS OCCURRENCE IN ARIZONA

SHOWS OF OIL AND NATURAL GAS				PENETRATION CHART OF OIL AND NATURAL GAS POOLS -- NORTHEAST PLATEAU												
ERA	PERIOD	WEST AND SOUTHWEST BASIN AND RANGE	SOUTHEAST BASIN AND RANGE	STRATIGRAPHIC UNIT		1	2	3	4	5	6	7	8	9	10	11
				NORTHWEST PLATEAU	NORTHEAST PLATEAU	BITA PEAK	BLACK ROCK	DINEH-BI-KEYAH	DRY MESA	EAST BOUNDARY BUTTE	NORTH TOH-ATIN	TEEC NOS POS	TWIN FALLS CREEK	TOHACHE WASH (HELIUM)	UNNAMED	WALKER CREEK
						19 41 N 31 E	7-21 40 N 29 E	35-36 N 29-30 E	1-12 40 N 28 E	41 N 28 E	22 41 N 28 E	23-26 41 N 30 E	16 41 N 30 E	36 41 N 30 E	4,6 40-41 N 28-29 E	16 41 N 25 E
CENOZOIC	Quaternary	* ?	*													
	Tertiary															
MESOZOIC	Cretaceous	?	*		* Dakota											
	Jurassic															
	Triassic				* Shinarump * Moenkopi											
PALEOZOIC	Permian				* Toroweap * Coconino * Queantoweap											
	Pennsylvanian		*		* Callville * Hermosa (Paradox)	☀ 5648'	☀	●	☀	☀ SI	☀	☀	☀	☀	☀	
	Mississippian		*		* Redwall * Ouray * Elbert	☀ 5648'	●	●	☀	☀ SI	☀	☀	☀	☀	☀	
	Devonian		*		* Martin * McCracken * Aneth * Martin			☀					☀			●
	Silurian															
	Ordovician															
	Cambrian				* Tapeats					☀ 6339'						
PRECAMBRIAN							6534'	4821'	6080'		6805'	6767'	6897'	7359'	6615'	

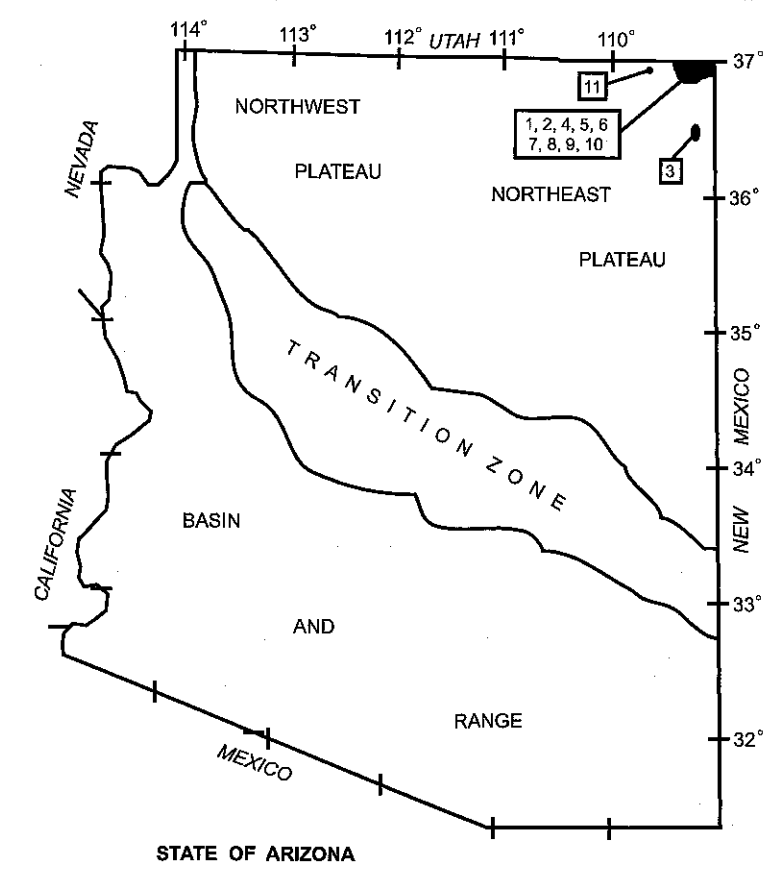
LEGEND

CHART

- * Show of oil or gas
- T Geologic age of surface rock
- Production symbols
- ☀ Oil
- ☀ Gas
- ☀ Oil and gas
- ☀ Helium (SI = Shut-in)
- ☀ Oil, gas, or helium reservoir depleted
- ☀
- ⊥ Deepest stratigraphic penetration and depth (No vertical scale indicated)
- Missing section, regionally
- Missing section, locally (Schematic)

MAP

- Areas containing oil and gas pools



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(OGCC CHART C-1)
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Year of discovery	1956	1961 / 71	1967	1959	1954	1956	1963	1957	1960	1962	1963
Number of producing or shut-in wells		3	29	3	3						
Number of abandoned wells	1	8	6	3	9	1	8	1	1	3	1
Cumulative production to: 12-31-06											
Oil / Condensate, barrels	12,528	59,065	18,451,570	846,928	888,147	289	486,341	622	764	7,463	98,431
Natural gas, million cubic feet	2,376.9	8,668.9	5,369.4	2,160.7	9,832.5	915.3	1,427.9	202.0	385.8	24,735	0

*From J.N. Conley, 1974